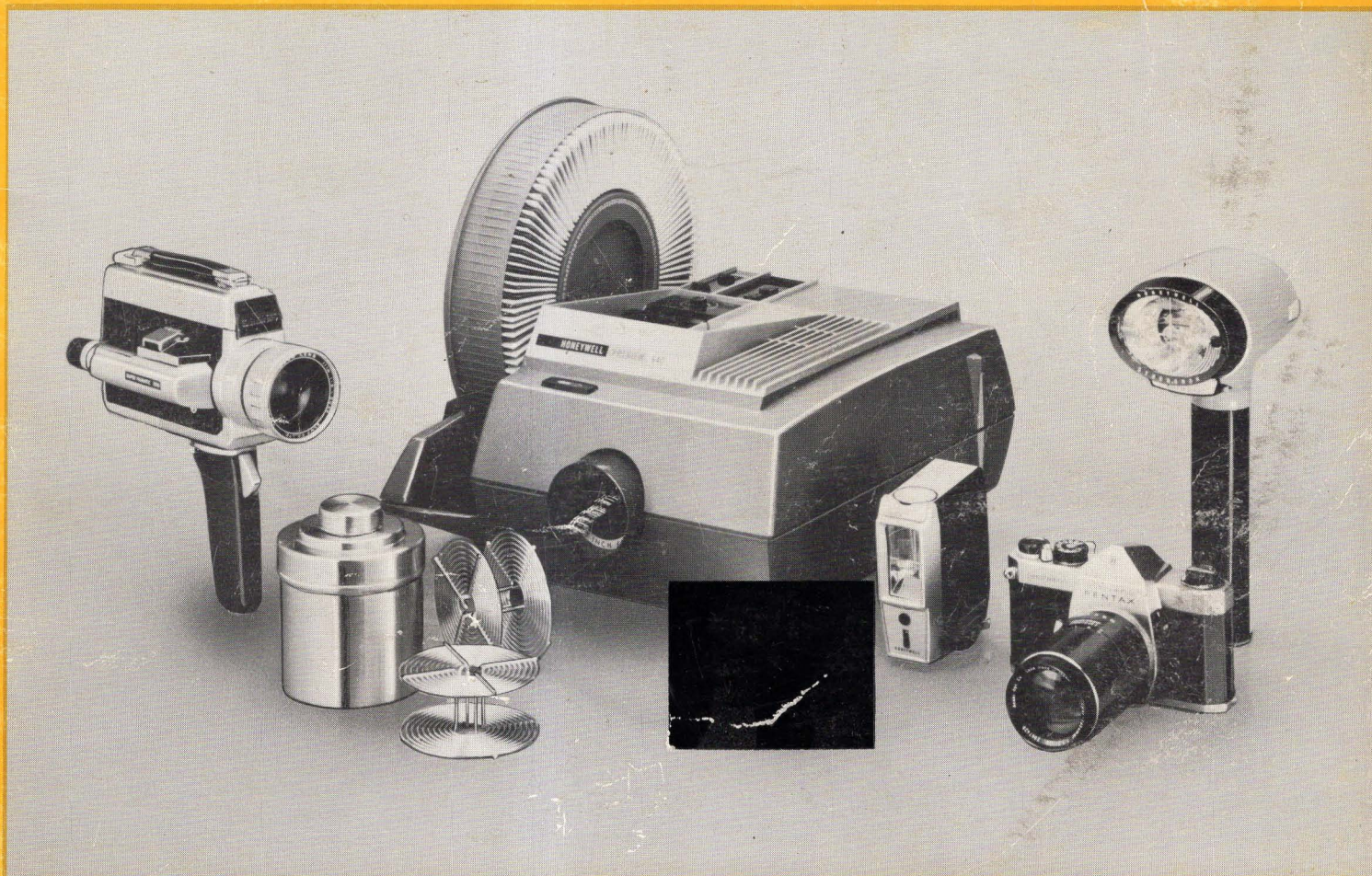


# HONEYWELL PHOTOGRAPHIC

GSA CATALOG AND PRICE LIST



December 1, 1970 through November 30, 1971



**Authorized Federal Supply Schedule Price List**

# HONEYWELL INC.

## PHOTOGRAPHIC PRODUCTS

FSC GROUP 67, PART III; ITEMS 20-207, 20-215, 20-276, ~~20-214~~  
20-208, ~~20-203~~, 20-277, 20-126, 20-289, 20-300, 20-284, 20-283

ITEM	DESCRIPTION	ORDER AMOUNT	DISCOUNT
*20-207	35mm/2 1/4 x 2 1/4 Slide Projectors, Accessories	\$1.00 to \$500.00 \$501.00 and Over	17% 21%
*20-215	35mm Single Lens Reflex Cameras, Accessories	\$1.00 to \$500.00 \$501.00 and Over	25% 32%
*20-276	Camera Lens and Accessories	\$1.00 to \$500.00 \$501.00 and Over	30% 37%
20-208	Honeywell Repronar	\$1.00 to \$500.00 \$501.00 and Over	17% 21%
<del>*20-203</del>	<del>Densitometers and Semiautomatics</del>	<del>\$1.00 to \$500.00</del> <del>\$501.00 and Over</del>	<del>25%</del> <del>32%</del>
*20-277	Lightmeters, Photo Exposure Meters	\$1.00 to \$500.00 \$501.00 and Over	25% 32%
20-126	Film Developing & Processing Equipment	\$1.00 to \$500.00 \$501.00 and Over	30% 37%
	Small Tanks	\$1.00 to \$500.00 \$501.00 and Over	16% 19%
	Professional Equipment	\$1.00 to \$500.00 \$501.00 and Over	30% 37%
20-289	Electronic Flash Lighting	\$1.00 to \$500.00 \$501.00 and Over	25% 30%
*20-300	Elmo Movie Cameras and Accessories	\$1.00 to \$500.00 \$501.00 and Over	25% 30%
*20-284	Elmo Movie Projectors	\$1.00 to \$500.00 \$501.00 and Over	25% 30%
*20-283	Elmo Film Editors	\$1.00 to \$500.00 \$501.00 and Over	25% 30%
<del>*20-214</del>	<del>Roller 35mm Camera and</del>	<del>\$1.00 to \$500.00</del>	<del>17%</del>
	<del>Accessories</del>	<del>\$501.00 and Over</del>	<del>21%</del>

NOTE: Different Items may not be added together to determine discount, since the higher discount results only when products within the same Item category total \$501 or more. For example, to earn the 32% discount on products in Item 20-215, \$501 worth or more of products must be ordered from that Item alone.

## General Services Administration Federal Supply Services

CONTRACT No. GS-00S 87114

GSA DISTRIBUTION CODES C-70, C-71, C-73

PERIOD: DECEMBER 1, 1970

THROUGH NOVEMBER 30, 1971

ORDER FROM: HONEYWELL, INC.  
PHOTOGRAPHIC PRODUCTS DIVISION  
5501 SOUTH BROADWAY  
LITTLETON, COLORADO 80120  
(303) 798-9444

TERMS: 2% 20 DAYS, NET 30 DAYS

DELIVERY: 45 days from receipt of order. FOB destination if within  
50 States, District of Columbia, or Puerto Rico.

EXPORT PACKING: Level A, 5% of Unit Price.

\*All items listed under Special Item No. 20-215, 20-276, ~~20-203~~, 20-277, 20-300, 20-284,  
20-283, ~~20-214~~ are of foreign origin.



# **HONEYWELL PHOTOGRAPHIC PRODUCTS**

## **COMPLETE PRICE LIST**

THIS PRICE LIST MUST BE USED WHEN ORDERING  
TO DETERMINE THE CORRECT AND MAXIMUM  
DISCOUNTS AVAILABLE.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

ITEM 20-289 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.	Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.
106	Pro Pack .....	\$ 14.95	\$ 10.47	\$ 9.42	414	Rollei Lock Adptr .....	\$ .70	\$ .53	\$ .47
117	60S Strobunar .....	109.50	76.65	68.99	415	Leica M 3 Adptr .....	.75	.53	.47
151	Auto Strobunar 880 .....	189.50	132.65	119.39	417	Shoe Contact Adptr .....	1.75	1.23	1.10
154	Strobunar P700 .....	109.50	76.65	68.99	421	62 1 Compur PC Cord .....	2.95	2.07	1.86
155	Strobunar 300 .....	69.50	48.65	43.79	422	62 3 Compur PC Cord .....	2.95	2.07	1.86
157	Strobunar 800 .....	119.50	83.65	75.29	423	62R 1 Rollei Lock .....	2.95	2.07	1.86
160	Prox-O-Lite VII .....	59.50	41.65	37.49	435	U S E Cord .....	4.95	3.47	3.12
162	Strobunar 312 .....	59.50	41.65	37.49	436	52K3 Solenoid Cord .....	4.95	3.47	3.12
164	804 Flash Head .....	49.50	34.65	31.19	440	57K3 ASA Cord .....	4.95	3.47	3.12
166	Auto Strobunar 332 .....	99.50	69.65	62.69	441	58K3 ASA Cord Bynt Cord .....	4.95	3.47	3.12
167	Accessory Lens Kit 700/800 .....	7.95	5.57	5.01	442	58/62K3 Comb Cord .....	4.95	3.47	3.12
170	Strobunar 700 .....	99.50	69.65	62.69	443	61K3 Exakta Cord .....	4.95	3.47	3.12
171	700 Set .....	107.50	75.25	67.73	444	62K3 Compur PC Cord .....	4.95	3.47	3.12
172	Auto Strobunar 770 .....	159.50	111.65	100.49	445	62RK3 Rollei Lock .....	4.95	3.47	3.12
173	Slave 200 .....	69.50	48.65	43.79	446	72K 3 Graflex Cord .....	4.95	3.47	3.12
174	Slave 202 .....	89.50	62.65	56.39	448	73K 3 Leica M-3 Cord .....	4.95	3.47	3.12
175	AC Slave Accessory Kit .....	29.50	20.65	18.59	449	74K 3 Leica 3-F Cord .....	4.95	3.47	3.12
179	Prox-O-Lite Custom Pak .....	49.50	34.65	31.19	450	Nikon Adapter .....	.75	.53	.47
180	POL High Performance Pak .....	79.95	55.97	50.37	451	58 ASA Adapter .....	.75	.53	.47
181	Prox-O-Lite Adptr Plug .....	4.95	3.47	3.12	453	62 Compur PC Adaptr .....	.75	.53	.47
182	Photo Eye .....	19.95	13.97	12.57	454	Cord for 800/880 .....	9.95	6.97	6.27
301	R 7 Reflex Bracket .....	6.95	4.87	4.38	456	Coiled Cord Rollei to PC .....	4.95	3.47	3.12
305	Retina III C Bracket .....	6.95	4.87	4.38	457	1 St Cord Rollei to Rollei .....	2.95	2.07	1.86
308	Quick Release Clamp .....	3.95	2.77	2.49	458	Coil Cord Rollei - Rollei .....	4.95	3.47	3.12
309	Quick Release Clip .....	.95	.67	.60	459	Coil Cord Rollei - Leica .....	4.95	3.47	3.12
310	E Clamp .....	5.95	4.17	3.75	460	Hot Shoe to PC Adapter .....	1.75	1.23	1.10
311	E Clip .....	.95	.67	.60	462	Double Flash Outlet .....	1.95	1.37	1.23
325	HR 30 Mtg Tube .....	1.95	1.37	1.23	472	St Cord Rollei to PC .....	2.95	2.07	1.86
326	Hr 39 Mtg Tube .....	3.95	2.77	2.49	473	PC to PC-1 Cord .....	2.95	2.07	1.86
327	Hold It Handle .....	6.95	4.87	4.38	526	Permacad 600 SC for 66A .....	3.25	2.28	2.05
328	Fotoclamp .....	19.95	13.97	12.57	527	Permacad C Cell .....	5.25	3.68	3.31
329	Strobunar Pistol Grip .....	11.95	8.37	7.53	528	Permacad 1/2 C Cell .....	3.25	2.28	2.05
342	Rollei 35 Bracket .....	6.95	4.87	4.38	532	Battery Clip .....	.65	.46	.41
353	Power Cord for 65D .....	9.95	6.97	6.27	534	Spotmatic Battery .....	.95	.67	.60
356	Polaroid Bracket .....	6.95	4.87	4.38	545	770 Battery Tray .....	16.95	11.87	10.68
358	Folding Bracket .....	5.95	4.17	3.75	546	700 Battery .....	16.95	11.87	10.68
363	QR Bounce Adptr. ....	4.95	3.47	3.12	4300	New Std Bracket .....	4.50	3.15	2.84
364	St. Standard Adptr. ....	1.95	1.37	1.23	4301	312/332 Lens Kit .....	5.95	4.17	3.75
366	Shoe Mt OR Handle .....	6.95	4.87	4.38	4302	Quench Lens Kit 770/880 .....	8.95	6.27	5.64
369	Rollei TLR Bracket .....	4.95	3.47	3.12	4304	Case for 300 Strobunar .....	4.95	3.47	3.12
374	400-500 Lens Kit .....	5.95	4.17	3.75	4305	Case for 312 & 332 .....	4.95	3.47	3.12
375	660 Battery Tray Set .....	16.95	11.87	10.68	4306	Case for 700/800 Strobunars .....	14.95	10.47	9.42
376	600 Battery Tray Set .....	16.95	11.87	10.68	4500	Auto/Strobunar 350 .....	84.50	59.15	53.24
404	53-1 Manual Trip/Cord .....	7.95	5.57	5.01	4501	Auto/Strobunar 450 .....	109.50	76.65	68.99
412	58/62 1 Combination Cord .....	2.95	2.07	1.86	4502	Auto/Strobunar 550 .....	149.50	104.65	94.19
413	58/62 3 Combination Cord .....	2.95	2.07	1.86					

ITEM 20-215 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.
717	Copipod .....	\$ 24.50	\$ 18.38	\$ 16.67	781	Rear Lens Mnt Cap .....	\$ 1.75	\$ 1.31	\$ 1.19
740	Black Hard Case .....	17.50	13.13	11.90	786	Bellows Unit I .....	29.50	22.13	20.06
748	Pentax Lens Book .....	.20	.15	.14	788	Right Angle Finder .....	29.50	22.13	20.06
751	Soft Black Case .....	15.00	11.25	10.20	789	Cable Release .....	2.50	1.88	1.70
753	Combination Case .....	17.50	13.13	11.90	790	Leica Adapter A .....	6.95	5.21	4.73
755	Reverse Adapter .....	2.95	2.21	2.01					



# HONEYWELL PHOTOGRAPHIC PRODUCTS

ITEM 20-215 (Continued)

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.
791	Camera Body Cap .....	\$ 1.75	\$ 1.31	\$ 1.19	7110	C Telephoto Adptrs. ....	\$ 19.50	\$ 14.63	\$ 13.26
795	Cassette .....	4.95	3.71	3.37	7111	M Telephoto Adptrs. ....	19.50	14.63	13.26
796	Eye Piece .....	2.95	2.21	2.01	7112	K Telephoto Adptrs. ....	19.50	14.63	13.26
798	Magnifier .....	11.95	8.96	8.13	7113	Shoulder Pads (10) (9.50 ea.) .....	1.00	.75	.68
820	Adapter Ring .....	1.95	1.46	1.33	7125	SL w/55mm f/1.8 .....	209.50	157.13	142.46
821	Close Up Lens .....	11.50	8.63	7.82	7126	SL Body .....	139.50	104.63	94.86
867	Hard Leather Case f/Spotmatic .....	17.50	13.13	11.90	7127	SL Black 1.8 .....	219.50	164.63	149.26
880	Pentax Spotmatic .....	299.50	224.63	203.66	7128	SL Body Black .....	149.50	112.13	101.66
881	Spotmatic Body .....	189.50	142.13	128.86	7129	SL w/55mm 2.0 .....	189.50	142.13	128.86
882	Spotmatic Black .....	309.50	232.13	210.46	7130	Spotmatic w/55mm 2.0 .....	239.50	179.63	162.86
883	Black Spotmatic Body .....	199.50	149.63	135.66	7150	—0.5 Pentax Corr Lens .....	5.95	4.46	4.05
884	Spotmatic w/ f/1.8 .....	259.50	194.63	176.46	7151	—0.1 Pentax Corr Lens .....	5.95	4.46	4.05
887	Case for Spotmatic .....	17.50	13.13	11.90	7152	—1.5 Pentax Corr Lens .....	5.95	4.46	4.05
7000	"The Honeywell Pentax Way" .....	10.95	8.21	7.45	7153	—0.2 Pentax Corr Lens .....	5.95	4.46	4.05
7011	Pentax Motor Drive, Camera only .....	379.50	284.63	258.06	7154	—2.5 Pentax Corr Lens .....	5.95	4.46	4.05
7012	Pentax Motor Drive, Unit only .....	320.00	240.00	217.60	7155	—3.0 Pentax Corr Lens .....	5.95	4.46	4.05
7013	Battery Pistol Grip .....	39.50	29.63	26.86	7156	—3.5 Pentax Corr Lens .....	5.95	4.46	4.05
7014	12V Nicad Battery/ Motor Drive .....	24.95	18.71	16.97	7157	—4.0 Pentax Corr Lens .....	5.95	4.46	4.05
7015	Nicad Charger .....	24.50	18.38	16.66	7158	—5.0 Pentax Corr Lens .....	5.95	4.46	4.05
7016	250 Exp. Back f/Motor Drive .....	229.50	172.13	156.06	7159	+0.5 Pentax Corr Lens .....	5.95	4.46	4.05
7017	250 Film Cartridge .....	17.50	13.13	11.90	7160	+1.0 Pentax Corr Lens .....	5.95	4.46	4.05
7018	Battery Loader .....	24.50	18.38	16.67	7161	+1.5 Pentax Corr Lens .....	5.95	4.46	4.05
7019	Battery Checker .....	10.50	7.88	7.14	7162	+2.0 Pentax Corr Lens .....	5.95	4.46	4.05
7020	Pentax Hard Black Gadget Bag .....	39.50	29.63	26.86	7163	+2.5 Pentax Corr Lens .....	5.95	4.46	4.05
7021	Second Timer .....	449.50	337.13	305.66	7200	6 x 7 Set .....	895.00		608.60
7022	Cartridge Loader .....	69.50	52.13	47.26	7201	6 x 7 Body .....	445.00	333.75	302.60
7023	Minute Timer .....	449.50	337.13	305.66	7210	6 x 7 Prism .....	150.00	112.50	102.00
7024	Power Pak .....	152.50	114.38	103.70	7300	35mm f/4.5 Super Takumar 6 x 7 .....	619.50		421.26
7025	Hour Timer .....	449.50	337.13	305.66	7310	55mm f/3.5 Super Takumar 6 x 7 .....	449.50	337.13	305.66
7026	Relay Pack .....	27.50	20.63	18.70	7320	75mm f/4.5 Super Takumar 6 x 7 .....	249.50	187.13	169.66
7028	Soft Case f/Motor Drive .....	26.50	19.88	18.02	7330	105mm f/2.4 Super Takumar 6 x 7 .....	300.00	225.00	204.00
7030	Pentax Case Top f/Tele Lens .....	14.50	10.88	9.86	7350	150mm f/2.8 Super Takumar 6 x 7 .....	289.50	217.13	196.86
7059	Motor Drive Set 36 Comp .....	769.00		522.92	7360	200mm f/4.0 Super Takumar 6 x 7 .....	319.50	239.63	217.26
7061	M-Bracket f/Flash (E Clamp) .....	7.50	5.63	5.10	7370	300mm f/4.0 .....	719.50		489.26
7062	3 Power Cord .....	6.50	4.88	4.42	7400	67mm Skylight .....	22.50	16.88	15.30
7063	33 Power Cord .....	12.50	9.38	8.50	7401	67mm UV .....	22.50	16.88	15.30
7064	Counter Cord f/250 Exp Bk .....	5.50	4.13	3.74	7402	67mm Lt. Yellow .....	22.50	16.88	15.30
7066	AC Cord .....	11.50	8.63	7.82	7403	67mm Med. Yellow .....	22.50	16.88	15.30
7067	6 P Remote Cord .....	14.50	10.88	9.86	7404	67mm Med. Orange .....	22.50	16.88	15.30
7071	Motor Drive Unit, Pistol Grip .....	410.00	307.50	278.80	7405	67mm Yellow Green .....	22.50	16.88	15.30
	NiCad Batteries, Charger .....				7406	67mm Med. Red .....	22.50	16.88	15.30
7090	Slide Copier Auto Bellows .....	34.50	25.88	23.46	7407	67mm Cloudy .....	22.50	16.88	15.30
7091	Microscope Adapter II .....	25.00	18.75	17.00	7408	67mm Morning/Evening .....	22.50	16.88	15.30
7092	Accessory Clip II .....	4.95	3.71	3.37	7409	67mm Flash .....	22.50	16.88	15.30
7093	Case Top .....	10.50	7.88	7.14	7410	67mm Flood .....	22.50	16.88	15.30
7094	Pentax Auto Extension Tube .....	19.50	14.63	13.26	7420	Hood for 75mm 6 x 7 .....	24.50	18.38	16.66
7095	Auto Bellows .....	99.50	74.63	67.66	7421	Hood for 105mm 6 x 7 .....	24.50	18.38	16.66
7096	Mirror Adapter .....	89.50	67.13	60.86	7422	Hood for 150mm 6 x 7 .....	24.50	18.38	16.66
7097	Stereo Adapter .....	29.50	22.13	20.06	7500	6 x 7 Auto Ext Tubes .....	69.50	52.13	47.26
7101	Deluxe Copy Stand II .....	99.50	74.63	67.66	7509	Rubber Eye Cup 6 x 7 .....	2.50	1.88	1.70
7102	D Rings, Box of 10 .....	1.50	1.13	1.02	7510	Magnifier .....	24.50	18.38	16.66
7104	Cable Release II .....	3.95	2.96	2.69	7511	6 x 7 Folding Hood .....	44.50	33.38	30.26
7105	Focusing Ext Tube .....	29.50	22.13	20.06	7512	6 x 7 Rigid Hood .....	54.50	40.88	37.06
7109	N Telephoto Adptr. ....	19.50	14.63	13.26	7517	—5 Diopter Eyepiece .....	3.50	2.63	2.38
					7518	—4 Diopter Eyepiece .....	3.50	2.63	2.38
					7519	—3 Diopter Eyepiece .....	3.50	2.63	2.38
					7520	—2 Diopter Eyepiece .....	3.50	2.63	2.38



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## ITEM 20-215 (Continued)

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.
7521	-1 Diopter Eyepiece .....	\$ 3.50	\$ 2.63	\$ 2.38	7556	6 x 7 Rear Lens Cap (Inner) \$	3.50	\$ 2.63	\$ 2.38
7522	+1 Diopter Eyepiece .....	3.50	2.63	2.38	7557	6 x 7 Neck Strap .....	2.50	1.88	1.70
7523	+2 Diopter Eyepiece .....	3.50	2.63	2.38	7570	6 x 7 Case .....	39.50	29.63	26.86
7550	6 x 7 Body Cap (Lens) .....	3.50	2.63	2.38					

## ITEM 20-276 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.	Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.
719	200mm Lens f/5.6 .....	\$119.50	\$ 83.65	\$ 75.29	858	Filter, 65mm Skylight .....	\$ 22.50	\$ 15.75	\$ 14.18
736	55mm f/2.0 Super .....	61.00	42.70	38.43	859	Filter, 67mm Skylight .....	22.50	15.75	14.18
737	55mm f/1.8 Standard Lens ..	81.00	56.70	51.03	861	Filter, 70mm UV .....	22.50	15.75	14.18
738	Super 105mm Lens .....	129.50	90.65	81.59	863	Filter, 70mm 1/2 .....	22.50	15.75	14.18
742	Super 35mm f/3.5 Lens .....	94.50	66.15	59.54	865	Filter, 70mm Med. Orange ..	22.50	15.75	14.18
743	Super 135mm Lens .....	149.50	104.65	94.19	866	Filter, 70mm Skylight .....	22.50	15.75	14.18
757	49mm Lens Cap .....	1.75	1.23	1.10	868	1000mm f/8 Lens .....	1,195.00		752.85
760	Hood F/28 mm Lens .....	7.95	5.57	5.01	870	Super 85mm Lens .....	169.50	118.65	106.79
761	Filter, 46mm UV .....	8.50	5.95	5.36	872	200mm f/4.0 Lens .....	189.50	132.65	119.39
762	Filter, 46mm Lt. Yellow .....	8.50	5.95	5.36	879	50mm f/1.4 Lens .....	121.00	84.70	76.23
763	Filter, 46mm Lt. Orange .....	8.50	5.95	5.36	885	77mm UV Filter .....	22.50	15.75	14.18
764	Filter, 49mm UV .....	8.50	5.95	5.36	886	77mm Med Yellow Filter .....	22.50	15.75	14.18
765	Filter, 49mm Y2 .....	8.50	5.95	5.36	893	150mm f/4.0 Super .....	149.50	104.65	94.19
766	Filter, 49mm Lt. Orange .....	8.50	5.95	5.36	894	400mm f/5.6 Lens .....	319.50	223.65	201.29
767	Filter, 82mm UV .....	22.50	15.75	14.18	896	77mm Med. Orange Filter ..	22.50	15.75	14.18
768	Filter, 82mm Y2 .....	22.50	15.75	14.18	897	77mm Skylight Filter .....	22.50	15.75	14.18
769	Filter, 82mm Lt. Orange .....	22.50	15.75	14.18	7032	Case, 18mm f/1.1 Lens .....	4.00	2.80	2.52
770	Filter, 65mm UV .....	22.50	15.75	14.18	7033	Case, 28mm f/3.5 Lens .....	6.00	4.20	3.78
771	Filter, 65mm Lt. Yellow .....	22.50	15.75	14.18	7034	Case, 35mm f/3.5 Lens .....	6.00	4.20	3.78
772	Filter, 65mm Lt. Orange .....	22.50	15.75	14.18	7035	Case, 35mm f/2.0 Lens .....	7.50	5.25	4.73
776	Filter, 58mm UV .....	9.95	6.97	6.27	7036	Case, 50mm Macro Lens .....	6.00	4.20	3.78
777	Filter, 58mm Med. Yellow .....	9.95	6.97	6.27	7037	Case, 50mm f/1.4 Lens .....	7.50	5.25	4.73
778	Filter, 58mm Lt. Orange .....	9.95	6.97	6.27	7038	Case, 55mm f/1.8 & 2.0 Lens	7.50	5.25	4.73
782	46mm Lens Hood .....	6.95	4.87	4.38	7039	Case, 70-150mm f/4.5 Lens	19.50	13.65	12.29
784	49mm Lens Hood .....	7.25	5.08	4.58	7040	Case, 85mm f/1.9 Lens .....	7.50	5.25	4.73
815	Filter, 67mm UV .....	22.50	15.75	14.18	7041	Case, 100mm f/4.0 Bellows ..	7.50	5.25	4.73
816	Filter, 67mm Lt. Yellow .....	22.50	15.75	14.18	7042	Case, 105mm f/2.8 Lens .....	7.50	5.25	4.73
817	Filter, 67mm Lt. Orange .....	22.50	15.75	14.18	7043	Case, 135mm f/3.5 Lens .....	8.50	5.95	5.36
822	500mm f/4.5 Lens .....	450.00	315.00	283.50	7044	Case, 150mm f/4.0 Lens .....	8.50	5.95	5.36
824	300mm f/6.3 Lens .....	159.50	111.65	100.49	7045	Case, 200mm f/5.6 Lens .....	8.50	5.95	5.36
825	50mm f/4.0 Macro Lens .....	114.50	80.15	72.14	7046	Case, 200mm f/3.5 Lens .....	12.50	8.75	7.88
826	100mm f/4.0 Lens .....	84.50	59.15	53.24	7047	Case, 200mm f/4.0 Lens .....	12.50	8.75	7.88
827	70-150mm f/4.5 Lens .....	395.00	267.50	248.85	7048	Case, 300mm f/6.3 Lens .....	12.50	8.75	7.88
830	Lens Hood 49mm .....	7.95	5.57	5.01	7049	Case, 300mm f/4.0 Lens .....	19.50	13.65	12.29
835	Filter, 82mm Skylight .....	22.50	15.75	14.18	7050	Case, 400mm f/5.6 Lens .....	19.50	13.65	12.29
836	Filter, 58mm Skylight .....	9.95	6.97	6.27	7051	Case, 500mm f/4.5 Lens .....	27.50	19.25	17.33
837	Filter, 49mm Flash .....	8.50	5.95	5.36	7052	Case, Super 17mm Lens .....	6.00	4.20	3.78
838	Filter, 49mm Cloudy .....	8.50	5.95	5.36	7053	Case, Super 28mm Lens .....	6.00	4.20	3.78
839	Filter, 49mm R2 .....	8.50	5.95	5.36	7054	Case, Super 135mm Lens ....	8.50	5.95	5.36
840	Filter, 46mm Y1 .....	8.50	5.95	5.36	7055	Case, Super 300mm Lens ....	17.50	12.25	11.03
841	Filter, 46mm Yellow Green .....	8.50	5.95	5.36	7056	Case, 24mm f/3.5 Super Takumar .....	6.00	4.20	3.78
842	Filter, 46mm R2 .....	8.50	5.95	5.36	7057	Case, 35mm f/2.0 Super Takumar .....	6.00	4.20	3.78
843	Filter, 46mm Skylight .....	8.50	5.95	5.36	7058	Case, 50mm f/4.0 Super Takumar .....	6.00	4.20	3.78
844	Filter, 46mm Cloudy .....	8.50	5.95	5.36	7080	Super Takumar 17mm f/4 Lens .....	239.50	167.65	150.89
845	Filter, 46mm Morning/Evening .....	8.50	5.95	5.36	7081	Super Takumar 28mm f/3.5 Lens .....	149.65	104.65	94.19
846	Filter, 46mm Flash .....	8.50	5.95	5.36	7082	Super Takumar 135mm f/2.5 Lens .....	169.50	118.65	106.79
847	Filter, 46mm Flood .....	8.50	5.95	5.36	7083	Super Takumar 300mm f/4.0 Lens .....	339.50	237.65	213.89
848	Filter, 49mm Y1 .....	8.50	5.95	5.36					
849	Filter, 49mm Yellow Green .....	8.50	5.95	5.36					
851	Filter, 49mm Skylight .....	8.50	5.95	5.36					
853	Filter, 49mm Morning/Evening .....	8.50	5.95	5.36					
855	Filter, 49mm Flood .....	8.50	5.95	5.36					



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## ITEM 20-276 (Continued)

Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.	Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.
7084	Super Macro 50mm f/4.0 Lens .....	\$139.50	\$ 97.65	\$ 87.89	7088	85mm Ultra Achromatic Lens .....	\$1,250.00		\$787.50
7085	Super Takumar 20mm f/4.5 Lens .....	229.50	160.65	144.59	7089	300mm Ultra Achromatic Lens .....	1,450.00		913.50
7086	Super Takumar 35mm f/2.0 Lens .....	189.50	132.65	119.39	7106	49mm Polarizing Filter .....	21.50	\$ 15.05	13.55
7087	Super Takumar 24mm f/3.5 Lens .....	189.50	132.65	119.39	7107	49mm Type A Filter .....	8.50	5.95	5.36
					7108	49mm Ghostless Filter .....	9.50	6.65	5.99

## ITEM 20-277 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 32% Disc.
7001	1/21 Meter Guide .....	\$ 2.00	\$ 1.50	\$ 1.36	7099	Case for 1/21 Meter .....	\$ 10.50	\$ 7.88	\$ 7.14
7098	1/21 Exposure Meter II .....	139.50	104.63	94.86	7135	Pentax Clip-On Meter .....	34.50	25.88	23.46

## ITEM 20-208 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 17% Disc.	Over \$500 21% Disc.	Cat. No.	Description	List	Under \$500 17% Disc.	Over \$500 21% Disc.
805	Repronar .....	\$435.00	\$361.05	\$343.65	808	Exposure Calculator Bar .....	\$ 19.50	\$ 16.19	\$ 15.41

## ITEM 20-300 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.
938	ND4X filter .....	\$ 6.50	\$ 4.88	\$ 4.55	9004	Single Light Bracket .....	\$ 1.95	\$ 1.46	\$ 1.37
939	Regular 8 Back F/Tri .....	54.50	40.88	38.15	9006	Remote Control F/C-104 .....	4.50	3.38	3.15
940	Single 8 Film Mag. ....	44.50	33.38	31.15	9007	Shoulder Strap F/C-104 .....	2.50	1.88	1.75
941	Close Up Lens #1 .....	8.50	6.38	5.95	9008	Fader F/C-104 .....	34.95	26.21	24.47
942	Close Up Lens #2 .....	8.50	6.38	5.95	9009	Case F/Double Super 8 .....	34.50	25.88	24.15
943	UV Filter .....	6.50	4.88	4.55	9010	Tele Convert w/case .....	99.50	74.63	69.65
944	Fader Accy. Dual/Tri .....	36.50	27.38	25.55	9011	Sports View Finder .....	24.50	18.38	17.15
945	Remote Connector .....	4.50	3.38	3.15	9013	Black C-104 .....	176.50	132.38	123.55
946	Soft Leather Case .....	19.50	14.63	13.65	9016	C-104 W/Grip/Case/Strap .....	199.95	149.96	139.97
947	Hard Leather Case .....	24.50	18.38	17.15	9017	Black Elmo 104 Kit .....	199.95	149.96	139.97
948	Lenshood .....	3.50	2.63	2.45	9018	C-106 Kit .....	269.95	202.46	188.97
979	Movie Light Bracket .....	2.95	2.21	2.07	9019	Super 106 Black Elmo Kit .....	269.95	202.46	188.97
983	Super 8 Film Mag. ....	44.50	33.38	31.15	9021	100 Mag. W-O Strap/Finder .....	169.50	127.13	118.65
984	53mm A Filter F/Dual-Tri .....	6.50	4.88	4.55	9054	55mm Fader F/Super 106 .....	39.50	29.63	27.65
989	Hand Grip Trifilmatic .....	12.50	9.38	8.75	9055	55mm Close Up Lens #2 .....	8.50	6.38	5.95
995	Power Pack F/100 ft. Mag. ....	24.50	18.38	17.15	9056	55mm Close Up Lens #1 .....	8.50	6.38	5.95
997	Super 8 Tri 100 Cam w/Grip .....	449.50	337.13	314.65	9057	55mm ND B4Y Filter .....	7.95	5.96	5.57
998	104 ft. Mag. F/Trifilmatic .....	189.50	142.13	132.65	9058	55mm Skylight 1A Filter .....	7.95	5.96	5.57
999	Case F/Trifilmatic w/Back .....	44.50	33.38	31.15	9059	55mm Lenshood F/Super 106 .....	3.95	2.96	2.77
9000	C-104 Camera w/Bracket .....	179.50	134.63	125.65	9060	Super 106 Cam w/Bracket .....	249.50	187.13	174.65
9001	Hard Case F/C-104 .....	11.95	8.96	8.37	9061	Hard Leather Case F/104-106 .....	18.50	13.88	12.95
9002	Soft Case F/C-104 .....	18.50	13.88	12.95	9062	Super 106 Black .....	249.50	187.13	174.65
9003	Pistol Grip F/C-104 .....	7.95	5.96	5.57					

## ITEM 20-284 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.
9076	Dual-8 360 .....	\$209.50	\$157.13	\$146.65	9078	Dual-8 380 .....	\$229.50	\$172.13	\$160.65
9077	Dual-8 360 Zoom .....	229.50	172.13	160.65	9079	Dual-8 380 Zoom .....	249.50	187.13	174.65

## ITEM 20-283 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.	Cat. No.	Description	List	Under \$500 25% Disc.	Over \$500 30% Disc.
9029	GE Lamp for Elmo Editors .....	\$ .20	\$ .15	\$ .14	9031	Dual 8 Editor Model SE .....	\$ 49.50	\$ 37.13	\$ 34.65
9030	Super 8 Editor Model SE .....	44.50	33.38	31.15					



# HONEYWELL PHOTOGRAPHIC PRODUCTS

ITEM 20-207 Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 17% Disc.	Over \$500 21% Disc.	Cat. No.	Description	List	Under \$500 17% Disc.	Over \$500 21% Disc.
6604	Model 600 w/4" f/3.5 Lens	\$ 89.50	\$ 74.29	\$ 70.71	6652	120 Slide Round Tray	\$ 2.95	\$ 2.45	\$ 2.33
6620	620 Projector W/O Lens	117.00	97.11	92.43	6653	4-40 Slide Straight Tray	6.00	4.98	4.74
6623	Model 620 w/3" f/3.5 Lens	129.50	107.49	102.31	6656	10' Remote Extension Cord	3.50	2.91	2.77
6624	Model 620 w/4" f/3.5 Lens	129.50	107.49	102.31	6657	Hard Control Panel Cover	5.00	4.15	3.95
6625	Model 620 w/5" f/3.5 Lens	129.50	107.49	102.31	6658	3" f/3.5 Lens	12.50	10.38	9.88
6630	630 Projector W/O Lens	132.00	109.56	104.28	6659	4" f/3.5 Lens	12.50	10.38	9.88
6633	Model 630 w/3" f/3.5 Lens	144.50	119.94	114.16	6660	500 Watt DAK Lamp	5.65	4.69	4.46
6634	Model 630 w/4" f/3.5 Lens	144.50	119.94	114.16	6661	600 Watt EGH QZ Haloq Lamp	10.50	8.72	8.30
6635	Model 630 w/5" f/3.5 Lens	144.50	119.94	114.16	6663	Tape Synch			
6640	640 Projector W/O Lens	157.00	130.31	124.03	6669	3"-5" f/3.5 Zoom Lens	42.50	35.28	33.58
6643	Model 640 w/3" f/3.5 Lens	169.50	140.69	133.91	6670	Deluxe Soft Vinyl Dust Cover	9.95	8.26	7.86
6644	Model 640 w/4" f/3.5 Lens	169.50	140.69	133.91	6671	Hard Case for Accy. Trays	11.95	9.92	9.44
6645	Model 640 w/5" f/3.5 Lens	169.50	140.69	133.91	6672	Hard Carrying Case	14.95	12.41	11.81
6647	5" f/3.5 Lens	12.50	10.38	9.88	6675	Box of 4 Remote Cords, Storage Bags	5.50	4.57	4.35
6650	25' Remote Extension Cord	6.00	4.98	4.74					
6651	Tape Synch Patch Cord	3.95	3.28	3.12					

ITEM 20-126 (SMALL TANKS) Any product in this item group may be added together, using list prices, to determine appropriate discount.

Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.	Cat. No.	Description	List	Under \$500 30% Disc.	Over \$500 37% Disc.
3000	Nikor 35mm Single Outfit	\$ 10.90	\$ 7.63	\$ 6.87	3082	Miniature Cut Film Kit	\$ 6.95	\$ 4.87	\$ 4.38
3001	Nikor 35mm Double Outfit	19.85	13.90	12.51	3084	70mm 100" Reel	12.95	9.07	8.16
3002	Nikor 120/620 Single Outfit	14.90	10.43	9.39	3085	89mm 100" Reel	12.95	9.07	8.16
3003	Nikor 220 Double Outfit	31.85	22.30	20.07	3117	35mm and 126 Hand Loader	.88	.62	.55
3020	Q08 Small Format Tank	5.95	4.17	3.75	3118	120/220 Hand Loader	.88	.62	.55
3021	Q15 Medium Format Tank	9.95	6.97	6.27	3119	220 Semi-Automatic Loader	3.95	2.77	2.49
3022	Q18 Miniature Cut Film Tank	11.95	8.37	7.53	3120	35mm 36 Exp. Semi- Automatic Loader	1.95	1.37	1.17
3023	Q25 Extra Film Length Tank	17.95	12.57	11.31	3121	120/620 Semi-Automatic Loader	2.95	2.07	1.86
3024	Q30 Multiple Standard Tank	14.95	10.47	9.42	3123	Cap only for Quick Fill Covers	.55	.39	.35
3025	Q50 Extra Film Length Tank	19.95	13.97	12.57	3124	Lift Rod 6½"	1.00	.70	.63
3026	Q60 Multiple 12½" Tank	19.95	13.97	12.57	3125	Lift Rod 12½"	1.00	.70	.63
3027	Q90 Multiple 17" Tank	24.95	17.47	15.72	3126	Lift Rod 17"	1.00	.70	.63
3028	Q120 Multiple 22" Tank	32.95	23.07	20.76	3127	Lift Rod 22"	1.00	.70	.63
3049	P50 Extra Film Length Tank	14.95	10.47	9.42	3128	Film Washing Unit 12½"	10.50	7.35	6.62
3051	P52 70/89mm-100" reel Tank	19.95	13.97	12.57	3129	Film Washing Unit 17"	10.50	7.35	6.62
3052	P60 Multiple 12½" Tank	14.95	10.47	9.42	3130	Film Washing Unit 22"	10.50	7.35	6.62
3053	P90 Multiple 17" Tank	16.95	11.87	10.68	3131	Reel Carrying Cage (Std. 3¼")	29.95	20.97	18.87
3055	P110 Extra Film Length Tank	18.95	13.27	11.94	3132	Reel Carrying Cage (Large 4¼")	29.95	20.97	28.87
3056	P120 Multiple 22" Tank	19.95	13.97	12.57	3136	Lift Rod 4"	1.00	.70	.63
3070	Minox Film Reel	4.95	3.47	3.12	3137	Cassette Opener (Six Pack)	7.50	5.25	4.73
3071	16mm 39" Film Reel	4.95	3.47	3.12	3139	Rocking Print Tray for 8" x 10" Prints	17.50	12.25	11.03
3072	35mm 20 Exp. Film Reel	4.95	3.47	3.12	3140	Rocking Print Tray for 11" x 14" Prints	37.50	26.25	23.63
3073	35mm 36 Exp. Film Reel	4.95	3.47	3.12	3141	Rocking Print Tray for 16" x 20" Prints	59.50	41.65	37.49
3074	35mm 6' Film Reel	5.95	4.17	3.75	3150	11" x 14" Enlarging Easel	64.50	45.15	40.64
3075	116/616 Film Reel	4.95	3.47	3.12	N9139	70mm/116 Hand Loader	.88	.62	.55
3077	120/620 Film Reel	4.95	3.47	3.12	N9145	118 Hand Loader	.88	.62	.55
3078	122 Film Reel	4.95	3.47	3.12	N9146	122 Hand Loader	.88	.62	.55
3079	126 Instamatic Film Reel	4.95	3.47	3.12	N9189	127 Hand Loader	.88	.62	.55
3080	127 Film Reel	4.95	3.47	3.12					
3081	220 Film Reel	5.95	4.17	3.75					



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## ITEM 20-126 — PROFESSIONAL EQUIPMENT

Cat. No.	Description	List	Under \$500 16% Disc.	Over \$500 19% Disc.	Cat. No.	Description	List	Under \$500 16% Disc.	Over \$500 19% Disc.
3050	35mm 18' Developing Tank & Cover .....	\$ 34.95	\$ 29.36	\$ 28.31	3273	70mm 50' Pair Standard Open Tanks .....	\$ 57.95	\$ 48.68	\$ 46.94
3054	70mm 18' Developing Tank & Cover .....	37.95	31.88	30.74	3275	70mm 100' Reel .....	149.95	125.96	121.46
3057	89mm 18' Developing Tank & Cover .....	39.95	33.56	32.36	3276	70mm 80' & 100' Tank, Cover, & Agitator .....	73.95	62.12	59.90
3086	35mm 18' Reel .....	39.95	33.56	32.36	3277	70mm 80' & 100' Pair Std. Open Tanks .....	62.95	52.87	50.99
3087	70mm 18' Reel .....	39.95	33.56	32.36	3279	105mm 100' Reel .....	199.95	167.96	161.96
3088	89mm 18' Reel .....	39.95	33.56	32.36	3280	105mm 80' Tank, Cover, & Agitator .....	95.95	80.60	77.72
3134	Reel Adapter .....	11.95	10.04	9.68	3281	105mm 80' Pair Standard Open Tanks .....	79.95	67.16	64.76
3135	Sleeve Adapter .....	4.95	4.16	4.01	3283	70mm 80' Reel .....	149.95	125.96	121.46
3230	16mm 28' Reel .....	139.95	117.56	113.36	3287	89mm 80' Reel .....	179.50	151.16	145.76
3231	Loading Stand .....	79.95	67.16	64.76	3288	89mm 80' Tank, Cover, & Agitator .....	85.95	72.20	69.62
3232	16mm 28' Tank, Cover, & Agitator .....	62.95	52.88	50.99	3289	89mm 80' Pair Standard Open Tanks .....	72.95	61.28	59.09
3233	16mm 28' Pair Standard Open Tanks .....	54.95	46.16	44.51	3291	105mm 80' Reel .....	199.95	167.96	161.96
3235	16mm 50' Reel .....	144.95	121.16	117.41	3350	Floating Lid for Tanks .....	19.50	16.38	15.80
3236	17mm 50' Tank, Cover, & Agitator .....	66.95	56.24	54.23	3351	Loading Chute .....	11.95	10.04	9.68
3237	16mm 50' Pair Standard Open Tanks .....	57.95	48.68	46.94	3352	Loading Chute .....	13.95	11.72	11.30
3239	16mm 100' Reel .....	149.95	125.96	121.46	3353	Loading Chute .....	13.95	11.72	11.30
3240	16mm 100' Tank, Cover, & Agitator .....	73.95	62.12	59.90	3354	Loading Chute .....	13.95	11.72	11.30
3241	16mm 100' Pair Standard Open Tanks .....	62.95	52.87	50.99	3355	Loading Chute .....	13.95	11.72	11.30
3243	35mm 28' Reel .....	139.95	117.56	113.36	3356	Loading Guide Fork .....	4.00	3.36	3.24
3244	35mm 28' Tank, Cover, & Agitator .....	62.95	52.87	50.99	3357	Quality Control Strip Holder .....	13.55	11.39	10.98
3245	35mm 28' Pair Standard Open Tanks .....	54.95	46.16	44.50	3358	Drying Motor .....	39.95	33.56	32.36
3247	35mm 50' Reel .....	144.95	121.16	117.41	3359	Roto-Wash Tank .....	85.50	71.82	69.26
3248	35mm 50' Tank, Cover, & Agitator .....	66.95	56.24	54.23	3360	16mm-35mm Agitator Extension .....	11.95	10.04	9.68
3249	35mm 50' Pair Standard Open Tanks .....	57.95	48.68	46.94	3361	16mm-46mm Agitator Extension .....	11.95	10.04	9.68
3251	35mm 100' Reel .....	149.95	125.96	121.46	3362	16mm-70mm Agitator Extension .....	11.95	10.04	9.68
3252	35mm 100' Tank, Cover, & Agitator .....	73.95	62.12	59.90	3363	16mm-89mm Agitator Extension .....	11.95	10.04	9.68
3253	35mm 100' Pair Standard Open Tanks .....	62.95	52.87	50.99	3364	16mm-105mm Agitator Extension .....	11.95	10.04	9.68
3255	46mm 28' Reel .....	139.95	117.56	113.36	3365	35-46mm Agitator Extension .....	11.95	10.04	9.68
3256	46mm 28' Tank, Cover, & Agitator .....	62.95	52.87	50.99	3366	35mm-70mm Agitator Extension .....	11.95	10.04	9.68
3257	46mm 28' Pair Standard Open Tanks .....	54.95	46.16	44.50	3367	35mm-89mm Agitator Extension .....	11.95	10.04	9.68
3259	46mm 50' Reel .....	144.95	121.16	117.41	3368	35mm-105mm Agitator Extension .....	11.95	10.04	9.68
3260	46mm 50' Tank, Cover, & Agitator .....	66.95	56.24	54.23	3369	46mm-70mm Agitator Extension .....	11.95	10.04	9.68
3261	46mm 50' Pair Standard Open Tanks .....	57.95	48.68	46.94	3370	46mm-89mm Agitator Extension .....	11.95	10.04	9.68
3263	46mm 100' Reel .....	149.95	125.96	121.46	3371	46mm-105mm Agitator Extension .....	11.95	10.04	9.68
3264	46mm 100' Tank, Cover, & Agitator .....	73.95	62.12	59.90	3372	70mm-89mm Agitator Extension .....	11.95	10.04	9.68
3265	46mm 100' Pair Standard Open Tanks .....	62.95	52.87	50.99	3373	70mm-105mm Agitator Extension .....	11.95	10.04	9.68
3267	70mm 28' Reel .....	139.95	117.56	113.36	3374	89mm-105mm Agitator Extension .....	11.95	10.04	9.68
3268	70mm 28' Tank, Cover, & Agitator .....	62.95	52.88	50.99	3375	Lift Rod 3 3/8" .....	1.00	.84	.81
3269	70mm 28' Pair Standard Open Tanks .....	54.95	46.16	44.51	3377	Lift Rod 4 7/8" .....	1.00	.84	.81
3271	70mm 50' Reel .....	144.95	121.16	117.41	3378	Control Strip Holder .....	14.55	12.22	11.79
3272	70mm 50' Tank, Cover, & Agitator .....	66.95	56.24	54.23	3388	Linhoff Cassette Adapter .....	21.95	18.44	17.78
					3389	Pentax 250 Cassette Adapter .....	21.95	18.44	17.78



# **HONEYWELL PHOTOGRAPHIC PRODUCTS**

## **PRODUCT LINE INDEX**

### **COMPLETE PRICE SCHEDULE**

Pages 1-8

### **HONEYWELL PENTAX**

Pages 11-37

### **HONEYWELL STROBONAR**

Pages 39-55

### **HONEYWELL ELMO**

Pages 57-62

### **HONEYWELL PROJECTORS**

Pages 63-66

### **HONEYWELL NIKOR**

Pages 67-81



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## SUBJECT INDEX

### A

Accessories, Pentax .....	26, 28, 29, 30, 31
Accessories, Elmo .....	58, 60
Authorized Service Centers .....	84

### B

Batteries .....	52
Brackets .....	53

### C

Cameras, Pentax .....	12, 13
Cases, Pentax .....	14
Cases, Elmo .....	60
Cassette Opener .....	70
Clamps .....	53
Close-up Equipment .....	29, 30
Color Duplicator .....	33
Copy Equipment .....	29, 30
Cords .....	54

### D

Developing Accessories .....	71, 72, 73
Developing Outfits .....	71, 72

### E

Enlarging Easel .....	69
Exposure Meters, Pentax .....	16

### F

Film Processing Equipment .....	71 to 81
Filter Applications, Pentax .....	27
Filters, Pentax .....	26, 27

### FLASH EQUIPMENT

Strobonar Electronic Flash Units .....	40 to 51
Batteries .....	52
Brackets .....	53
Clamps .....	53
Cords .....	54

### L

Lens, Pentax .....	17 to 25
Lenshoods, Pentax .....	28

### M

Micro Equipment .....	29, 30
-----------------------	--------

### P

Price Schedule .....	1 to 8
Projectors, Elmo .....	61
Processing Equipment .....	76 to 79

### R

Reels, Developing .....	73
Rocking Print Tray .....	70

### S

Slide Projectors .....	65, 66
Slide Projectors, Accessories .....	66
Spotmatic, Pentax .....	31, 32
Stereo Adapter, Pentax .....	15

### T

Tanks, Developing .....	72
-------------------------	----



**HONEYWELL PHOTOGRAPHIC PRODUCTS**

**HONEYWELL  
PENTAX**



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX cameras and accessories



Honeywell Pentax Spotmatic, chrome finish,  
with f/1.4 Super-Takumar lens.



Honeywell Pentax Spotmatic, satin black finish,  
with f/1.4 Super-Takumar lens.



Honeywell Pentax Spotmatic, chrome finish,  
with f/1.8 Super-Takumar lens.

### HONEYWELL PENTAX SPOTMATIC with behind-the-lens exposure system

The world's first single-lens-reflex camera with a behind-the-lens exposure system, the Spotmatic is the crowning achievement of the Honeywell Pentax line. Absolute correct exposures are simple with the Spotmatic. Its two CdS sensors read light from the image focused on the ground glass . . . the same amount of light that strikes the film plane. With any focal length lens, or with bellows, extension tubes, or filters . . . proper exposure is automatic and extremely accurate. The Spotmatic's metering system can be operated with one hand without taking the eye from the viewfinder by simply pushing a switch and centering a needle. And, for special effects, it's simple to change shutter speed or aperture for over- or under-exposures. The same size and classic design of the famous Pentax line, the Spotmatic also features: eye-level pentaprism finder with Fresnel lens; central microprism and positive grid focusing; instant-return mirror; focal plane shutter; speeds from 1 to 1/1000 sec., plus Bulb on single non-rotating knob; ASA-Range from 20 to 1600; self-timer; auto-reset counter; ratchet film-advance lever cocks shutter and advances counter; FP and X flash terminals, and threaded lens mount. With very fast Super-Takumar 50mm f/1.4 lens or 55mm f/1.8 Super-Takumar lens. Both lenses have instant-open fully-automatic diaphragm, and manual depth-of-field preview. In addition, the Super-Takumar 50mm f/1.4 lens is a 7-element lens, with a 46° angle of view, a minimum aperture of f/16 and uses 49mm filters. The Super-Takumar 55mm f/1.8 lens has 6 elements, a 43° angle of view, a minimum aperture of f/16 and uses 49mm filters.

#### Cat. No.

880	Honeywell Pentax Spotmatic satin chrome finish, with 50mm f/1.4 Super-Takumar lens .....	\$299.50
881	Honeywell Pentax Spotmatic Body, satin chrome* .....	\$189.50
882	Honeywell Pentax Spotmatic, satin black finish, with 50mm f/1.4 Super-Takumar lens .....	\$309.50
883	Honeywell Pentax Spotmatic Body, satin black* .....	\$199.50
884	Honeywell Pentax Spotmatic, satin chrome finish with 55mm f/1.8 Super-Takumar lens .....	\$259.50
7130	Honeywell Pentax Spotmatic, satin chrome finish, with 55mm f/2.0 Super-Takumar lens .....	\$239.50
534	Battery for Spotmatic exposure meter .....	\$ .95

\*All bodies are supplied with a screw-in body cap.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX SL

This single-lens reflex has all the features and quality needed for the serious amateur or busy professional. It performs to satisfy the most demanding photographer with brilliant eye-level viewfinder; fully color-corrected Super-Takumar 55mm f/1.8 lens; complete range of shutter speeds to 1/1000 second; built-in self-timer and automatic exposure counter reset; FP and X flash terminals; "cocked" indicator; instant return mirror; auto-reset film counter; film type reminder dial; rapid rewind crank; and many other fine Pentax features. Lens has 6 elements, 43° angle of view, minimum aperture of f/16 and accepts 49mm filters.



Honeywell Pentax SL,  
chrome finish, Cat. No. 7125



Honeywell Pentax SL,  
satin black finish, Cat. No. 7127

### Cat. No.

7125	Honeywell Pentax SL, f/1.8 Super-Takumar, satin chrome finish .....	\$209.50
7126	Honeywell Pentax SL Body, satin chrome* .....	\$139.50
7127	Honeywell Pentax SL, f/1.8 Super-Takumar, satin black finish .....	\$219.50
7128	Honeywell Pentax SL Body, satin black* .....	\$149.50
7129	Honeywell Pentax SL, f/2.0 Super-Takumar, satin chrome finish .....	\$189.50

## HONEYWELL PENTAX BOOKS

A must for every Honeywell Pentax owner. Here is all the information on Pentax basic lenses and telephotos, how pros use the Pentax, lighting, color film, and so on.

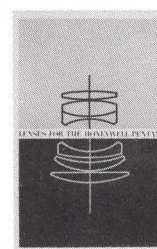
"The Pentax Way," by  
Herbert Keppler, 352  
pages, illustrated.  
Amphoto, N.Y. 1970

Cat. No.  
7000 ..... \$10.95



"Lenses for the  
Honeywell Pentax." A  
complete description of  
all Takumar lenses avail-  
able for the Honeywell  
Pentax. Illustrated.

Cat. No.  
748 ..... \$ .20





# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX CAMERA CASES



Soft black leather case for Honeywell Pentax Spotmatic and SL.  
Cat. No. 887 ..... \$ 17.50



Soft black leather case for Honeywell Pentax H1, H3, H1a, H3v.  
Cat. No. 751 ..... \$ 15.00



Black hard leather case for Honeywell Pentax H1, H3, H1a, H3v.  
Cat. No. 740 ..... \$ 17.50

Black hard leather case for Honeywell Pentax Spotmatic and SL.  
Cat. No. 867 ..... \$ 17.50



Soft leather case for use with H1, H3, H1a, H3v with clip-on meter attached.  
Cat. No. 753 ..... \$ 17.50

Top half of above case for converting the standard case (Cat. No. 751) to accept the Pentax with clip-on meter attached.  
Cat. No. 7093 ..... \$ 10.50

Top half of soft leather cases (Cat. Nos. 753, 887, 751) for Takumar Telephoto lenses through 150mm.  
Cat. No. 7030 ..... \$ 14.50

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX STEREO ADAPTER



The stereo adapter fits on the front of a normal f/1.4, f/1.8, f/2 lens and will split the 24x36mm format into a stereo pair of single frame images. The kit consists of the adapter to fit the normal lens and a stereo ambient light viewer. The stereo adapter slips on the front of the lens and

is tightened by a screw. The two images can be lined up in the horizontal plane by the use of a subject which is on the horizontal format. The viewer has an adjustable ocular.

Cat. No. 7097 ..... **\$29.50**



### CORRECTION LENSES

Lenses are inserted into a No. 796 eyepiece for eyeglass wearers. Eyepiece included.

Cat. No.	Correction Lens
7150 .....	-0.5
7151 .....	-1.0
7152 .....	-1.5
7153 .....	-2.0
7154 .....	-2.5
7155 .....	-3.0
7156 .....	-3.5
7157 .....	-4.0
7158 .....	-5.0
7159 .....	+0.5
7160 .....	+1.0
7161 .....	+1.5
7162 .....	+2.0
7163 .....	+2.5
..... <b>\$ 5.95</b>	



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## EXPOSURE METERS

### HONEYWELL PENTAX 1°/21° METER

Selective exposure photography . . . the most advanced concept in reflected light meters. The 1°/21° Meter utilizes an optical reflex system which gives a 21° angle of view on the ground glass screen. In the center of this viewing screen is a 1° circle which represents the angle covered by the meter's CdS sensing element. For this reason it is extremely selective, permitting precise exposure readings at longer distances, and gives greater control over exposure problems. Light intensity is read directly from engraved scales on the viewing lens, and exposure is calculated easily by turning movable scales on the side of the meter. Reads light in high range when lens cap is removed and low light by depressing a button. When reading scale in low light situations, button on side of handle illuminates viewing screen when depressed. Weight 18 oz.; single-lens-reflex viewing utilizing the same pentaprism as Pentax cameras for upright, laterally correct images; adjustable eyepiece; light level range 3-18; ASA range from 6-6400 (DIN-9-39); shutter speed range from 4 minutes - 1/4000 secs.; battery check, and full-year operation on one 1.3v Mallory RM640 or Eveready E640 and one 9v Mallory or Eveready 216 dry cell. IRE (Institute of Radio Engineers) scale provided. This is generally used by lighting engineers in the broadcast television industry. Lens barrel threaded to accept standard 46mm lens hood (Cat. No. 782 — pg. 18). Complete with batteries and zippered leather carrying case, and "Guide to Good Exposure" instruction book, 101 pages.

Cat. No. 7098 .....	<b>\$139.50</b>
Cat. No. 7001 Extra copy, "Guide to Good Exposure" .....	<b>\$ 2.00</b>
Cat. No. 7099 Replacement Case for 1°/21° Meter .....	<b>\$ 10.50</b>



### HONEYWELL PENTAX CLIP-ON METER

This meter attaches in seconds to the pentaprism housing of the Honeywell Pentax SL. A highly-sensitive meter, it has an ASA range of 6 to 1600 and couples directly to the slotted shutter speed dial. The Cadmium Sulfide sensor measures an angle of 30° for accurate reflected light readings.

Operates one full year on one 1.35v Mallory PX13B or PB13 battery and has convenient battery check. Complete with battery and leather carrying case.

Cat. No. 7135 Clip-on Meter for "SL" cameras .....	<b>\$34.50</b>
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# HONEYWELL PHOTOGRAPHIC PRODUCTS

## TAKUMAR LENSES for the Honeywell Pentax

Takumar lenses for the Honeywell Pentax cameras are ranked among the very finest lenses produced in the world today. Only the finest quality optical glass is used. This superior glass, combined with years of experience in optical design, has resulted in lenses noted for their superb resolving power and edge-to-edge sharpness even at full aperture.

Each Takumar lens is painstakingly custom-coated for increased efficiency in light transmission and for reduction of internal reflections and stray light which result in flare. Each lens is also individually corrected for proper rendition of color. For this reason certain Takumar lenses receive a purple coating, amber coating or a combination of both purple and amber.

In addition to its superior optics, the Takumar lens incorporates outstanding mechanics. Each lens barrel is precision machined for accurate positioning of elements and smooth operation. All engraved markings are highly legible and each lens is supplied with a front and rear lens cap and individual leather case.

All Telephoto lenses from 85mm to 1000mm and Zoom lenses are equipped with lens hoods.

Takumar lenses are subjected to rigid quality controls during manufacture and a series of exacting optical tests before they leave the factory. Each lens is retested and rechecked by highly-skilled technicians at the Honeywell Pentax Service Center in Denver before being released to Honeywell Pentax dealers for sale. Each lens is registered with Honeywell at the time of purchase and is guaranteed for one full year against defects in manufacture.



Honeywell testing for image fidelity of lenses includes this sophisticated checkout on a Honeywell Visicorder Oscillograph.

### A WORD ABOUT INTERCHANGEABILITY

All Takumar lenses in the Honeywell Pentax System are completely interchangeable. Thread mounting assures positive and precise coupling of camera and lens. Takumar lenses may be used on other cameras by selecting appropriate adapters.

### TYPES OF DIAPHRAGMS IN TAKUMAR LENSES

Super-Takumar lenses have fully-automatic diaphragm mechanisms.

Takumar preset lenses are manually stopped down to a preset f/stop. The extra-long telephoto lenses have click stop manual f/setting operation.



# TAKUMAR LENS SPECIFICATION cross-reference chart

CAT. NO.	LENS	DIAPHRAGM	LENS ELEMENTS	LENS TYPE	MIN. APERTURE	MINIMUM FOCAL DIST.		ANGLE Degrees	WEIGHT		FILTER DIAMETER for Threaded Filters	LENS HOOD SIZE (In mm)	LENGTH		DIAMETER		PRICE \$
						Feet	Meters		Ozs.	Gm.			In.	mm	In.	mm	
7080	17mm Super-Takumar f/4.0	Fully-Auto.	11	Wide Angle Retrofocus	f/22	0.67	0.20	160°	8.11	230	UV, Y2, O2 Built-In	—	1 1/4	31.7	2 3/5	66.2	239.50
7085	20mm Super-Takumar f/4.5	Fully-Auto.	11	Wide Angle Retrofocus	f/22	7.8	.20	94°	8.1	251	58	58 T *	1 3/4	44.8	2 1/3	60.0	229.50
7087	24mm Super-Takumar f/3.5	Fully-Auto.	9	Wide Angle Retrofocus	f/16	0.8	0.25	84°	8.6	243	58	60 S.O. *	1 4/5	46.5	2 2/5	62.0	189.50
7081	28mm Super-Takumar f/3.5	Fully-Auto.	7	Wide Angle Retrofocus	f/16	1.3	0.40	75°	7.3	207	49	51 S.O. *	1 7/10	42.8	2 1/4	57.1	149.50
7086	35mm Super-Takumar f/2.0	Fully-Auto.	8	Wide Angle Retrofocus	f/16	1.3	0.40	63°	8.5	240	49	49 T *	2 1/10	53.6	2 1/5	56.0	189.50
742	35mm Super-Takumar f/3.5	Fully-Auto.	5	Wide Angle Retrofocus	f/16	1.5	0.45	63°	5.25	149	49	49 T #830	1 1/3	34	2 1/5	56.5	94.50
7084	50mm Super-Macro-Takumar f/4.0	Fully-Auto.	4	Macro	f/22	0.77	0.23	46°	8.2	235	49	Not Re-quired	2 1/10	54.5	2 3/10	59.4	139.50
825	50mm Macro-Takumar f/4.0	Preset	4	Macro	f/22	8" From Film Plane		46°	9.03	256	49	Not Re-quired	2 1/5	56.1	2 7/32	59	114.50
879	50mm Super-Takumar f/1.4	Fully-Auto.	7	Normal (Spotmatic)	f/16	1.5	0.45	46°	8.1	231	49	49 T #784	1 1/2	38.5	2 3/8	60.5	121.00
737	55mm Super-Takumar f/1.8	Fully-Auto.	6	Normal (H3-v) (SL) (Spotmatic)	f/16	1.5	0.45	43°	7.1	202	49	49 T #784	1 1/2	38	2 3/10	57.7	81.00
736	55mm Super-Takumar f/2.0	Fully-Auto.	6	Normal (H1-a)	f/16	1.5	0.45	43°	7.1	202	49	49 T #784	1 1/2	38.2	2 1/3	59	61.00
827	70-150mm Zoom-Takumar f/4.5	Fully-Auto.	14	Zoom	f/22	6.0	1.9	35°-16.5°	40.0	1134	67	67 T *	8 13/16	224	2 9/10	74.4	395.00
870	85mm Super-Takumar f/1.9	Fully-Auto.	5	Long Focus	f/16	2.7	0.85	29°	12.2	346	58	58 T *	2 9/32	58	2 3/5	66	169.50
826	100mm Bellows-Takumar f/4.0	Preset	5	Short Mount	f/22	6" From Rim of Lens**		24.5°	5.0	142	49	49 T *	1 2/5	36.6	2 1/5	55.5	84.50
738	105mm Super-Takumar f/2.8	Fully-Auto.	5	Telephoto	f/22	4	1.2	23°	9.9	281	49	49 T *	2 1/2	64.3	2 1/4	57.2	129.50

\*Lens Hood Supplied w/Lens  
T Threaded  
S.O. Slip-On  
\*\*When used w/Bellows II

# TAKUMAR LENS SPECIFICATION cross-reference chart

CAT. NO.	LENS	DIAPHRAGM	LENS ELEMENTS	LENS TYPE	MIN. APERTURE	MINIMUM FOCAL DIST.		ANGLE Degrees	WEIGHT		FILTER DIAMETER for Threaded Filters	LENS HOOD SIZE (In mm)	LENGTH		DIAMETER		PRICE \$
						Feet	Meters		Ozs.	Gm.			In.	mm	In.	mm	
7082	135mm Super-Takumar f/2.5	Fully-Auto.	5	Telephoto	f/22	5	1.5	18°	15.8	448	58	58T*	3 1/5	80	2 1/2	65.5	169.50
743	135mm Super-Takumar f/3.5	Fully-Auto.	5	Telephoto	f/22	5	1.5	18°	12.3	351	49	49T*	3 1/2	87.7	2 1/4	57.6	149.50
893	150mm Super-Takumar f/4	Fully-Auto.	5	Telephoto	f/22	6	1.8	16.5°	11.4	324	49	49T*	3 3/4	94.8	2 1/4	57.6	149.50
719	200mm Tele-Takumar f/5.6	Preset	5	Telephoto	f/22	8.2	2.5	12°	14.3	407	49	49T*	4 1/5	107	2 1/5	56.6	119.50
872	200mm Super-Takumar f/4.0	Fully-Auto.	5	Telephoto	f/22	8.2	2.5	12°	19.6	558	58	*	5 2/5	137	2 1/2	64.2	189.50
824	300mm Takumar f/6.3	Manual	5	Telephoto	f/32	18	5.5	8°	25.5	723	58	*	7 1/4	185	2 1/2	65	159.50
7083	300mm Super-Takumar f/4.0	Fully-Auto.	5	Telephoto	f/22	18	5.5	8°	33.5	950	77	*	7 1/4	186	3 5/16	85	339.50
894	400mm Takumar f/5.6	Manual	5	Telephoto	f/45	24.6	7.5	6°	43	1219	77	*	10 4/5	276	3 3/8	85	319.50
822	500mm Takumar f/4.5	Manual	2	Telephoto	f/45	33	10.0	5°	114	3231	49 (Rear)	*	15 1/5	440	5	126.8	450.00
868	1000mm Tele-Takumar f/8.0	Manual	3	Telephoto	f/45	98	30.0	2.5°	Lens 11.5 Lbs. Tripod 6.25 Lbs.		49 (Rear)	*	28 1/2	724	5 21/32	143.5	1195.00

\*Lens Hood Supplied w/Lens  
T Threaded  
S.O. Slip-On  
\*\*When used w/Bellows II

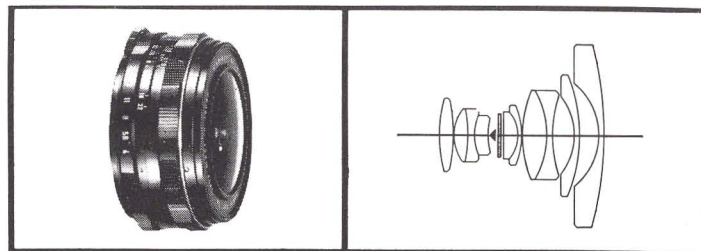


## HONEYWELL PHOTOGRAPHIC PRODUCTS

HONEYWELL PENTAX  
TAKUMAR LENSES

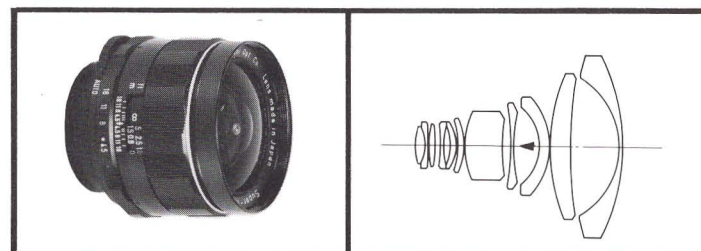
Cat. No.

- 7080 17mm Super-Takumar, f/4.0;  
Fully automatic; 11 elements; 160° angle of view;  
Min. aperture f/22; Weight 8.1 oz; UV, Y2  
and O2 filters built in. .... **\$239.50**



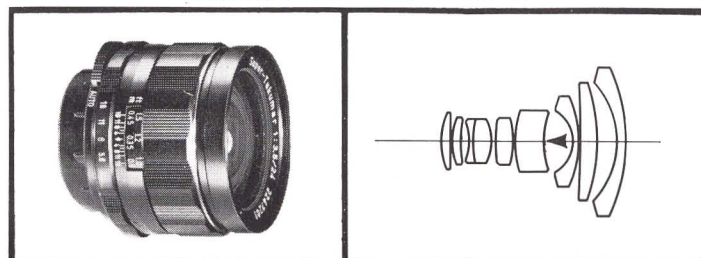
17mm Super-Takumar f/4.0 (7080)

- 7085 20mm Super-Takumar, f/4.5; Fully Automatic;  
11 elements; 94° angle of view; Min.  
aperture f/16; Min. focus 7.8 inches;  
Weight 8.1 oz.; Uses 58mm filter.  
**Lenshood is supplied** ..... **\$229.50**



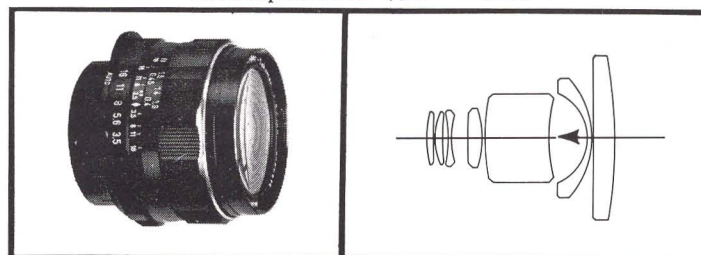
20mm Super-Takumar f/4.5 (7085)

- 7087 24mm Super-Takumar, f/3.5; Fully automatic;  
9 elements; 84° angle of view; Min. aperture f/16;  
Min. focus 10 inches; Weight 8.7 oz. Uses  
58mm filter.  
**Lenshood is supplied** ..... **\$189.50**



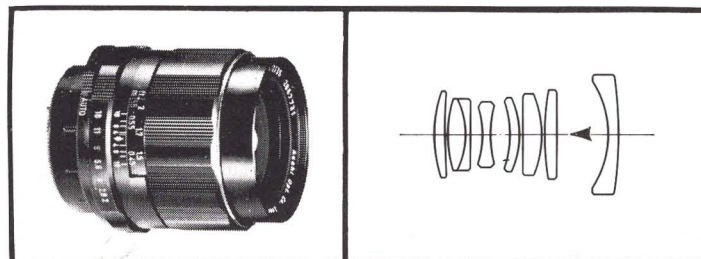
24mm Super-Takumar f/3.5 (7087)

- 7081 28mm Super-Takumar, f/3.5;  
Fully automatic; 7 elements; 75° angle of view;  
Min. aperture f/16; Min. focus 15 3/4 inches;  
Weight 7.3 oz.; Uses 49mm threaded filter.  
**Lenshood is supplied** ..... **\$149.50**



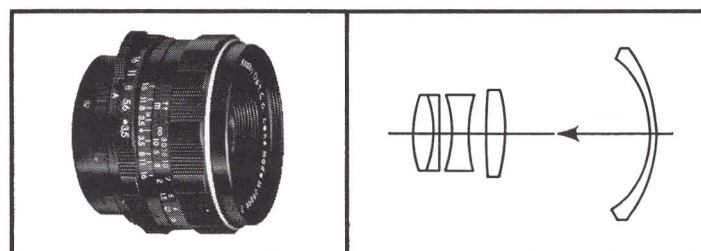
28mm Super-Takumar f/3.5 (7081)

- 7086 35mm Super-Takumar, f/2.0; Fully automatic;  
8 elements; 63° angle of view; Min. aperture f/16;  
Min. focus 15 inches; Weight 8.5 oz.  
Uses 49mm filter.  
**Lenshood is supplied** ..... **\$189.50**



35mm Super-Takumar f/2.0 (7086)

- 742 35mm Super-Takumar, f/3.5;  
Fully automatic; 5 elements; 63° angle of view;  
Min. aperture f/16; Min focus 18 inches; Weight  
5.2 oz. Uses 49mm threaded filter and Special 49mm  
lenshood ..... **\$ 94.50**



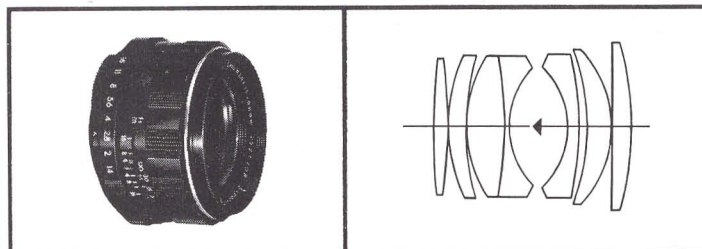
35mm Super-Takumar f/3.5 (742)

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX TAKUMAR LENSES

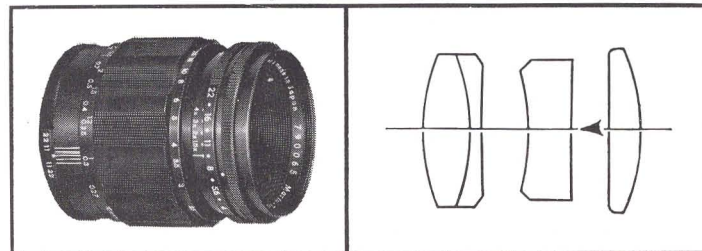
Cat. No.

- 879 50mm Super-Takumar, f/1.4;  
Fully automatic; 7 elements; 46° angle of view;  
Min. aperture f/16; Min. focus 18 inches;  
Weight 8.1 oz. Standard lens for f/1.4 Spotmatic.  
Uses 49mm filters ..... **\$121.00**



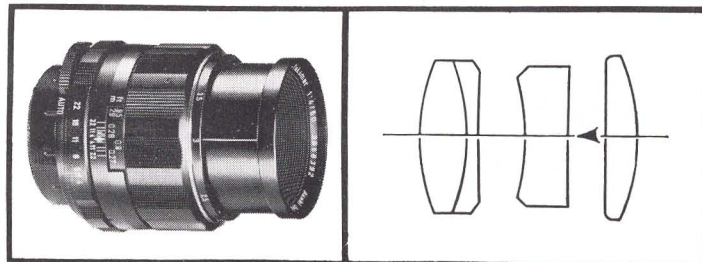
50mm Super-Takumar f/1.4 (879)

- 825 50mm Macro-Takumar, f/4.0; Pre-set;  
4 elements; 46° angle of view; Min. aperture f/22;  
Min. focus 8 inches from film plane (2 3/8 inches  
from rim of lens); Weight 9 oz. Uses 49mm  
filter. Lenshood not required as lens is recessed  
into mount ..... **\$114.50**



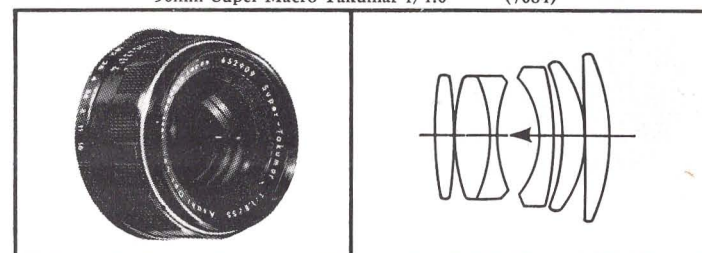
50mm Macro-Takumar f/4.0 (825)

- 7084 50mm Super-Macro-Takumar, f/4.0; Fully  
automatic; 4 elements; 46° angle of view; Min.  
aperture f/22; Min. focus 9.5 inches (.5 magni-  
fication); Weight 8.7 oz. Uses 49mm filter.  
Lenshood not required as lens is recessed  
into mount. .... **\$139.50**



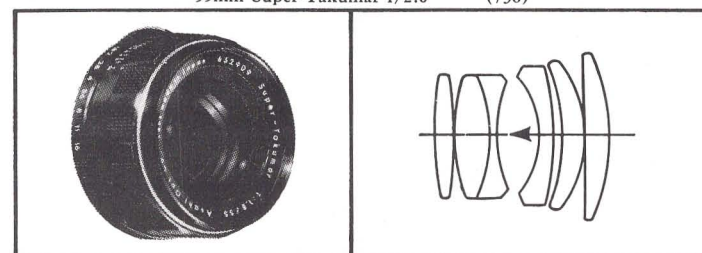
50mm Super-Macro-Takumar f/4.0 (7084)

- 736 55mm Super-Takumar, f/2.0;  
Fully automatic; 6 elements; 43° angle of view;  
Min. aperture f/16; Min. focus 18 inches; Weight  
7.1 oz. Uses 49mm filter and lenshood. Standard  
lens for H1a Pentax ..... **\$ 61.00**



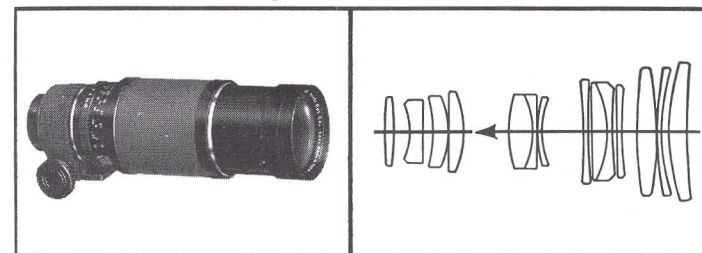
55mm Super-Takumar f/2.0 (736)

- 737 55mm Super-Takumar, f/1.8;  
Fully automatic; 6 elements; 43° angle of view;  
Min. aperture f/16; Min. focus 18 inches;  
Weight 7.1 oz. Uses 49mm filter and lenshood.  
Standard lens for Pentax SL, H3, H3v and  
f/1.8 Spotmatic ..... **\$ 81.00**



55mm Super-Takumar f/1.8 (737)

- 827 70-150mm Zoom-Takumar, f/4.5;  
Fully automatic; 14 elements; 35°-16.5° angle  
of view; Min. aperture f/22; Min. focus 6 ft.;  
Weight 40 oz. **Lenshood is supplied.**  
Uses 67mm filter ..... **\$395.00**



70-150mm Zoom Takumar f/4.5 (827)



# HONEYWELL PHOTOGRAPHIC PRODUCTS

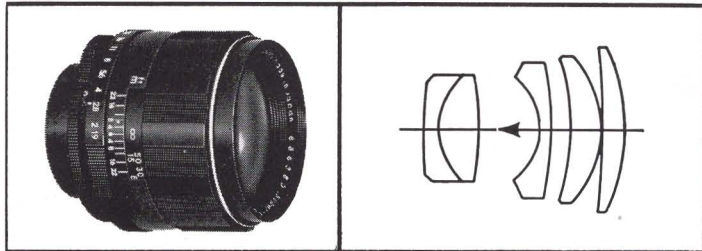
## HONEYWELL PENTAX TAKUMAR LENSES

Honeywell Pentax Takumar lenses are the ultimate in optical precision and quality. They deserve the very best in care and treatment.

Therefore, each lens listed below is packed in a handsome, rugged, custom padded, black leather carrying case. Each lens is also supplied with both front and rear lens caps.

Lenshoods are also included where specified.

Cat. No.

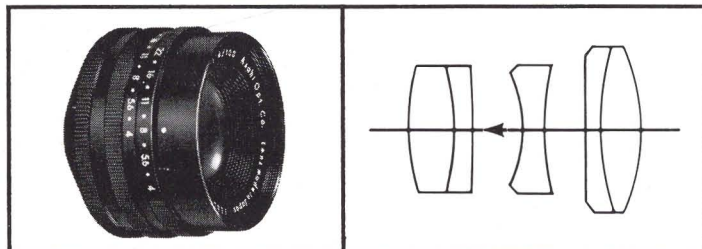


85mm Super-Takumar f/1.9 (870)

- 870 85mm Super-Takumar, f/1.9;  
Fully automatic diaphragm; 29° angle of view;  
5 elements; Min. aperture f/16; Min. focus 2.75 ft.;  
Weight 12.2 oz.

**Lenshood is supplied**

Uses 58mm filter. .... **\$169.50**

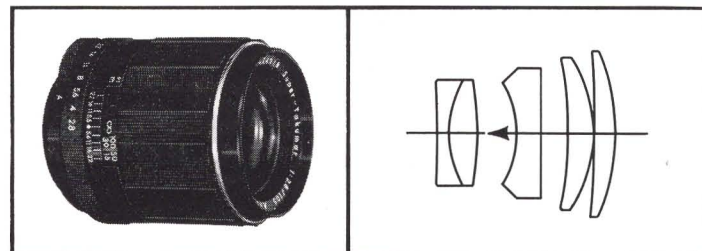


100mm Bellows-Takumar f/4.0 (826)

- 826 100mm Bellows-Takumar, f/4.0; Preset;  
5 elements; 24.5° angle of view; Min. aperture  
f/22; Min. focus 6 inches from lens rim when used  
on Pentax Bellows II; Weight 5 oz.

**Lenshood is supplied.**

Uses 49mm filter. .... **\$ 84.50**

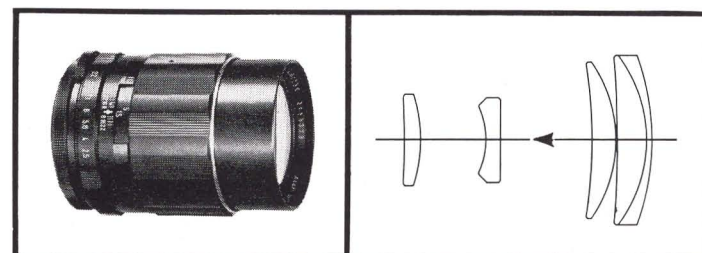


105mm Super-Takumar f/2.8 (738)

- 738 105mm Super-Takumar, f/2.8;  
Fully automatic; 5 elements; 23° angle of view;  
Min. aperture f/22; Min. focus 4 ft.; Weight 9.9 oz.

**Lenshood is supplied.**

Uses 49mm filter ..... **\$129.50**

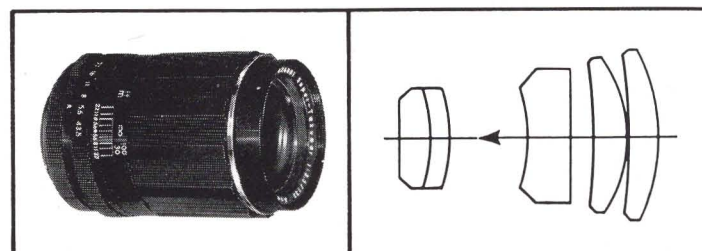


135mm Super-Takumar f/2.5 (7082)

- 7082 135mm Super-Takumar, f/2.5;  
Fully automatic; 5 elements; 18° angle of view;  
Min. aperture f/22; Min focus 5 ft.; Weight 15.8 oz.

**Lenshood is supplied.**

Uses 58mm filter ..... **\$169.50**



135mm Super-Takumar f/3.5 (743)

- 743 135mm Super-Takumar, f/3.5;  
Fully automatic; 5 elements; 18° angle of view;  
Min. aperture f/22; Min. focus 5 ft.; Weight 12.3 oz.

**Lenshood is supplied.**

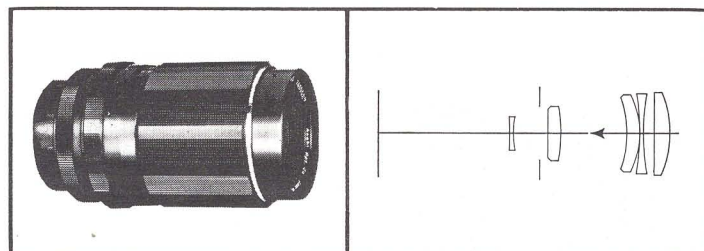
Uses 49mm filter ..... **\$149.50**

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX TAKUMAR LENSES

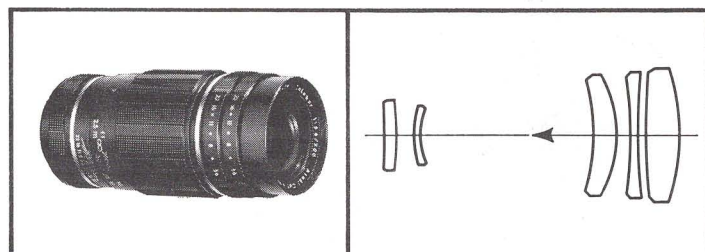
Cat. No.

- 893 150mm Super-Takumar f/4.0;  
Fully automatic; 5 elements; 16.5° angle of view;  
Min. aperture f/22; Min. focus 6 ft.; Weight 11.4 oz.  
**Lenshood is supplied.**  
Uses 49mm filter ..... \$ 149.50



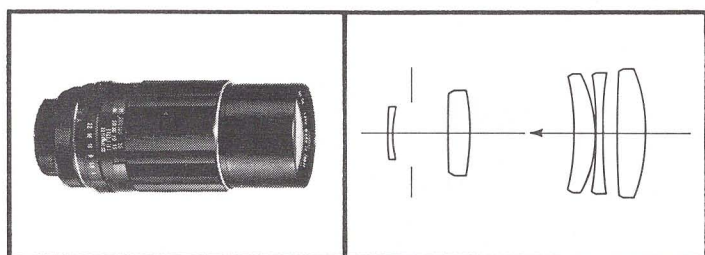
150mm Super-Takumar f/4.0 (893)

- 719 200mm Tele-Takumar, f/5.6;  
Preset diaphragm; 5 elements; 12° angle of view;  
Min. aperture f/22; Min. focus 8.2 ft.;  
Weight 14.3 oz.  
**Lenshood is supplied.**  
Uses 49mm filter. .... \$119.50



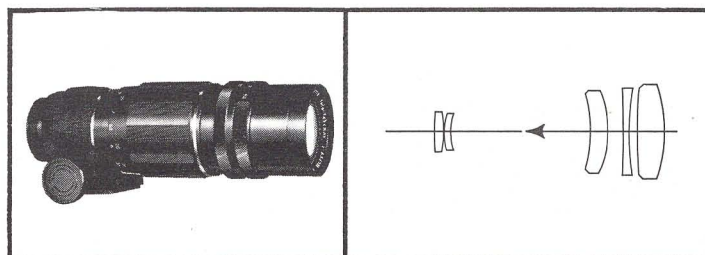
200mm Takumar f/5.6 (719)

- 872 200mm Super-Takumar f/4.0;  
Fully automatic; 5 elements; 12.5° angle of view;  
Min. aperture f/22; Min. focus 8 ft.; Weight 19.6 oz.  
**Lenshood is supplied.**  
Uses 58mm filter ..... \$189.50



200mm Super-Takumar f/4.0 (872)

- 824 300mm Takumar f/6.3;  
Manual diaphragm; 5 elements; 8° angle of view;  
Min. aperture f/32; Min. focus 18 ft.;  
Weight 25.5 oz.  
**Lenshood is supplied.**  
Uses 58mm filter ..... \$ 159.50



300mm Takumar f/6.3 (824)



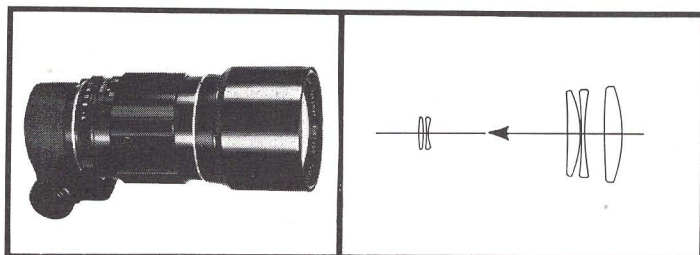
# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX TAKUMAR LENSES

Honeywell Pentax Takumar lenses are the ultimate in optical precision and quality. They deserve the very best in care and treatment.

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Lenshoods are also included where specified.



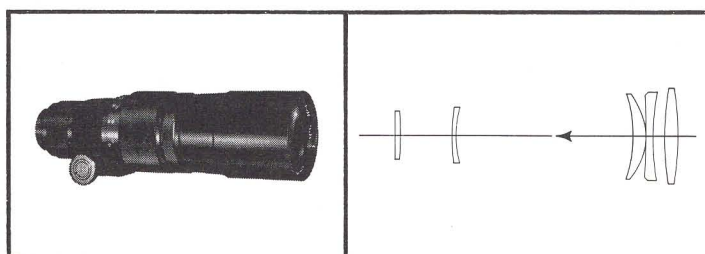
300mm Super-Takumar f/4.0 (7083)

Cat. No.

7083 300mm Super-Takumar, f/4.0;  
Fully automatic; 5 elements; 8° angle of view;  
Min. aperture f/22; Min. focus 18 ft.;  
Weight 33.5 oz.;

**Lenshood is supplied.**

Uses 77mm filter ..... **\$339.50**

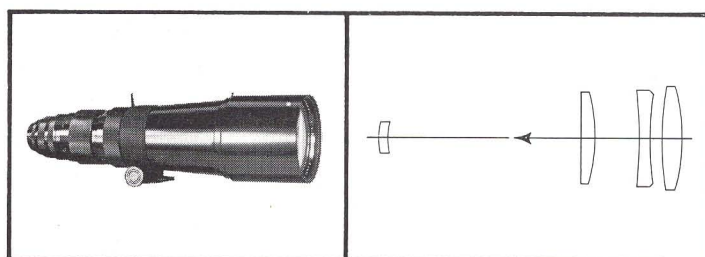


400mm Takumar f/5.6 (894)

894 400mm Takumar f/5.6;  
Manual diaphragm; 5 elements; 6° angle of view;  
Min. aperture f/45; Min. focus 27 ft.;  
Weight 43 ozs.

**Lenshood is supplied.**

Uses 77mm filter ..... **\$ 319.50**

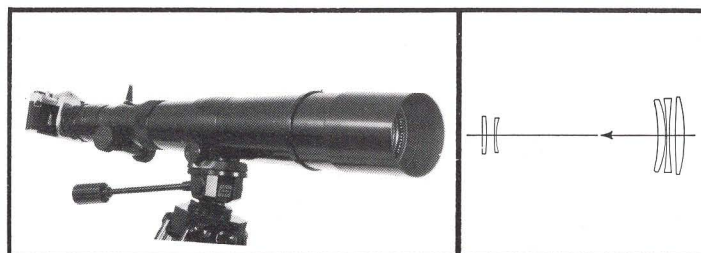


500mm Takumar f/4.5 (822)

822 500mm Takumar, f/4.5;  
Manual diaphragm; 4 elements;  
5° angle of view; Min. aperture f/45;  
Min. focus 33 ft.; Rack focusing with knob;  
Weight 114 ozs.

**Lenshood is supplied.**

Uses 49mm filter at rear ..... **\$450.00**



1000mm Takumar f/8.0 (868)

868 1000mm Takumar, f/8.0;  
Manual diaphragm; 5 elements; 2.5° angle of view;  
Min. aperture f/45; Min. focus 98 ft.;  
Rack focusing with knob. Lens weight 10 lbs.  
Supplied with rigid wooden tripod.

**Metal case (instead of leather)  
and lenshood are supplied.**

Uses 49mm filter at rear. .... **\$1195.00**

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX TAKUMAR Achromatic Lenses

Two entirely new Takumar lenses are made of quartz and fluorite. The 85mm lens contains no glass! Using fluorite and quartz has allowed the Pentax optical designers to produce two excellent achromatic lenses — lenses that are superb for infrared (IR), visible light, and ultraviolet (UV) photography. The 85mm is corrected against chromatic aberration from ultraviolet to infrared wavelength bands and the 300mm for visible and infrared wavelength bands.

### 85MM ULTRA-ACHROMATIC TAKUMAR

The 85mm lens is corrected against chromatic aberration from 250mu to 80mu. Special filters are supplied for both IR and UV photography. Since these filters automatically shift the focal plane the correct amount, no manual focus shift is necessary. As the filter is screwed into the front of the lens, the front element is pushed toward the back of the lens, the proper distance to shift the focus. Includes case.



#### SPECIFICATIONS FOR 85MM ULTRA-ACHROMATIC TAKUMAR

MAXIMUM APERTURE:	f/4.5	LENS HOOD:	49mm Screw-In
MINIMUM APERTURE:	f/22	IR FILTERS:	R62, R68, 862mu
LENS ELEMENTS:	5 Groups	UV FILTERS:	365mu
DIAPHRAGM:	Fully Automatic	WEIGHT:	8.7 oz.
MINIMUM FOCUS:	2 Feet	LENGTH:	60.3mm
ANGLE OF VIEW:	29°	WIDTH:	58.5mm
FILTER SIZE:	49mm Screw-In		

Cat. No. 7088\* ..... \$1250.00

### 300MM ULTRA ACHROMATIC TAKUMAR

The 300mm f/5.6 uses glass and fluorite elements to achieve high resolution and extreme chromatic aberration correction over a wide range wavelength. It is corrected against chromatic aberration from 320mu up to 850mu. The visible portion of the spectrum extends from 400mu to 700mu.

This lens is excellent for telephotography in the *visible* and *infrared* portion of the spectrum. The use of fluorite elements allows a design that is very compact for its focal length and sharp in contrast and definition.



#### SPECIFICATIONS FOR 300MM ULTRA-ACHROMATIC TAKUMAR

MAXIMUM APERTURE:	f/5.6	FILTER SIZE:	58mm Screw-In
MINIMUM APERTURE:	f/22	LENS HOOD:	Pull-Out (attached to lens)
LENS ELEMENTS:	5 Groups	WEIGHT:	29 oz.
DIAPHRAGM:	Fully Automatic	ACCESSORIES:	IR Filters — R62, R66, R68
MINIMUM FOCUS:	16 Feet	LENGTH:	225.9 mm
ANGLE OF VIEW:	8°	WIDTH:	67.9 mm

Cat. No. 7089\* ..... \$1450.00

\*Special Order. Allow 45 days for delivery.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX FILTERS

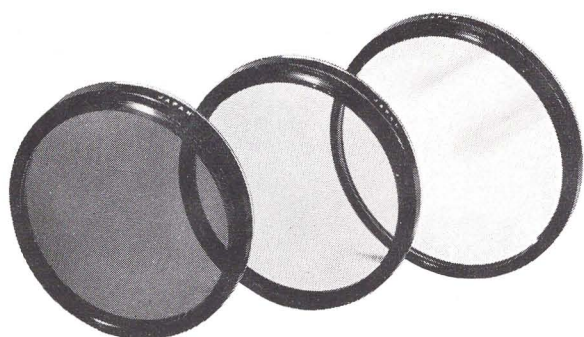
To determine the proper size filter for a particular lens, refer to the lens specifications on Pages 9 and 10. This information may

also be found with the lens descriptions, Pages 11 through 15. The use and application of these filters will be found on Page 19.

CAT. #s & SIZES TYPE	CATALOG # OF AVAILABLE SIZES — SHADED AREAS NOT AVAILABLE										Exposure Factors
	46mm	49mm	58mm	65mm	67mm	70mm	77mm	82mm			
Ultra Violet (U.V.)	761	764	776	770	815	861	885	767			1
Light Yellow (Y-1)	840	848									1.5
Medium Yellow (Y-2)	762	765	777	771	816	863	886	768			2
Medium Orange (O-2)	763	766	778	772	817	865	896	769			3
Yellow-Green (Y-G)	841	849									2
Medium Red (R-2)	842	839									6
Skylight	843	851	836	858	859	866	897	835			1
Cloudy (81-A)	844	838									1.5
Morning & Evening (82-A)	845	853									1.5
Flash (80-C)	846	837									2
Flood (80-B)	847	855									3
TYPE A Conversion		7107									2
PRICES EACH	\$8.50	\$8.50	\$9.95	\$22.50	\$22.50	\$22.50	\$22.50	\$22.50			

TYPE	SIZE	CAT. NO.	EXP. FACTOR	PRICE
Ghostless U.V.	49mm	7108	1	\$ 9.50
Polarizer	49mm	7106	3	\$21.50

# HONEYWELL PHOTOGRAPHIC PRODUCTS



## HONEYWELL PENTAX FILTER APPLICATIONS

FILTER	APPLICATION
U. V.     Ultra Violet	Absorbs ultra-violet light rays. Helps to prevent haze in distant scenes. Can be used at all times without exposure factor, thus giving good protection to the lens. Primary use — B & W Film.
Ghostless U.V.	A "ghost" image is the image light reflected back to the filter surface, re-transmitted through the lens, forming a duplicate image on the film plane. Use this filter to eliminate ghost images. This filter also provides the same protection as the above UV filter. Primary use — B & W Film.
Y-1     Light Yellow	Gives a slight emphasis on total separation between sky and clouds. Good choice for those who desire a subtle change in blue absorption. Primary use — B & W Films.
Y-2     Medium Yellow	Most popular of all filters for B & W Photography. Gives most accurate total rendition for panchromatic film. Primary use — B & W Film.
O-2     Medium Orange	Absorbs ultra-violet and blue light, thus making blue tones appear darker. Excellent for marine scenes, aerial photography and copying. Primary use — B & W Films.
Y-G     Yellow Green	Ideal outdoor filter to render more pleasing flesh tones in portraits against the sky than you can obtain with a yellow filter. Also renders beautiful black and white pictures of landscapes, flowers, blossoms and natural sky appearance. Primary use — B & W Film.
R-2     Medium Red	Use with panchromatic or infra-red films to achieve maximum contrasts. This filter will create dramatic sky effects, simulating moonlight scenes in mid-day by slight under-exposure. Cuts through fog, haze and mist by absorbing excessive blue and ultra-violet light rays. Excellent copying filter for blue prints. Primary use — B & W Film.
Skylight	Recommended for use outdoors at all times to reduce excess blue and to add warmth to your subjects. Also use in open shade to reduce blue. Gives truer flesh tones when an excess of blue is prevalent. Primary use — Daylight Color Reversal Film.
Cloudy (81A)	Slight warming filter. Cuts through haze, and prevents excessive bluish results, thereby giving warm tone in open shade and cloudy days. More effective haze-cutting than the Skylight filter. Primary use — Daylight Color Reversal Film.
Morning & Evening (82A)	Slight cooling filter. Use this filter early in the morning and late in the afternoon to prevent excessive warm rendition, to give proper color tonal correction. Primary use — Daylight Color Reversal Film.
Flash (80C)	Use with clear wire-filled flash bulbs . . . not with blue flash bulbs. More effective than the Morning & Evening filter in preventing excessive warmth. Primary use — Daylight Color Reversal Film.
Flood (80B)	Photo flood tends to render excessive warm effect on your color film. Use this filter to "cool" it down to get correct color rendition. Primary use — Daylight Color Reversal Film.
Type A	Converts Tungsten Type A color film for outdoor use. Primary use — Tungsten Type A Color Reversal Film.
Polarizer	Eliminates unwanted surface reflections and glare. Primary use — B & W and Color Film.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX LENS HOODS

Please see Pages 8 and 9 for complete lens/lenshood combinations.



CAT. #	SIZE	FITS LENSES	TYPE	FITTING	PRICE
782	46mm	*	NORMAL	SCREW-IN	\$ 6.95
784	49mm	879-737-736-826	NORMAL	SCREW-IN	\$ 7.25
830	49mm	742	WIDE ANGLE	SCREW-IN	\$ 7.95
760	60mm	741	WIDE ANGLE	SLIP-ON	\$ 7.95

\*For lenses no longer available. All current lens hoods supplied with lenses can be ordered as "parts." Contact Honeywell's Service Department.

## REPLACEMENT CASES FOR TAKUMAR LENSES

Genuine black leather, custom padded for size and configuration of lens, chrome plated snap lock. Each case supplied with carrying strap. **Takumar lenses are always supplied with cases.** This listing provides ordering information for replacement or extra lens cases.

Cat. No.

7052	Case for 17mm f/4.0 lens	\$ 6.00
7032	Case for 18mm f/11 lens	4.00
7056	Case for 24mm f/3.5 lens	6.00
7033	Case for 28mm f/3.5 lens (old)	6.00
7053	Case for 28mm f/3.5 lens (new)	6.00
7034	Case for 35mm f/3.5 lens	6.00
7035	Case for 35mm f/2.0 lens (old)	7.50
7057	Case for 35mm f/2.0 lens (new)	6.00
7036	Case for 50mm Macro lens	6.00
7058	Case for 50mm Super-Macro lens	6.00
7037	Case for 50mm f/1.4 lens	7.50
7038	Case for 55mm f/1.8 lens or 55mm f/2.0 lens	7.50
7039	Case for 70-150mm f/4.5 Zoom lens	19.50
7040	Case for 85mm f/1.9 lens	7.50

Cat. No.

7041	Case for 100mm f/4.0 Bellows	\$ 7.50
7042	Case for 105mm f/2.8 lens	7.50
7054	Case for 135mm f/2.5 lens	8.50
7043	Case for 135mm f/3.5 lens	8.50
7044	Case for 150mm f/4.0 lens	8.50
7045	Case for 200mm f/5.6 lens	8.50
7046	Case for 200mm f/3.5 lens	12.50
7047	Case for 200mm f/4.0 lens	12.50
7055	Case for 300mm f/4.0 Super lens	17.50
7048	Case for 300mm f/6.3 lens	12.50
7049	Case for 300mm f/4.0 lens (man.)	19.50
7050	Case for 400mm f/5.6 lens	19.50
7051	Case for 500mm f/4.5 lens	27.50
7099	Case for 1°/21° Meter	10.50

# HONEYWELL PHOTOGRAPHIC PRODUCTS

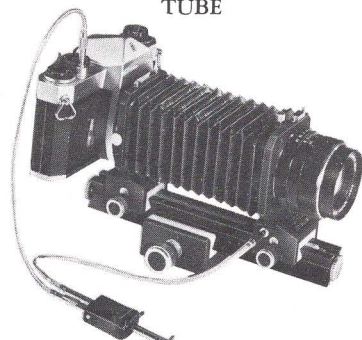
## MACRO AND MICRO copy equipment



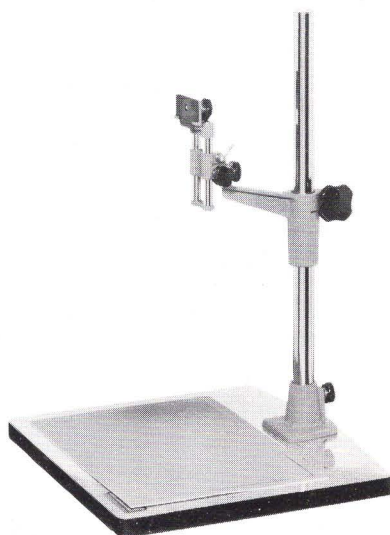
AUTO EXTENSION TUBE SET



FOCUSING EXTENSION  
TUBE



AUTO BELLOWS UNIT



DELUXE COPY STAND

Cat. No.

### 7094 AUTO EXTENSION TUBE SET

Fully automatic extension tubes for Honeywell Pentax cameras. This set consists of three rings: No. 1, No. 2, and No. 3 of 9.5mm, 19.0mm and 28.5mm respectively. They may be used singly or in combination as desired. When all three are used simultaneously with the 55mm Super-Takumar, the subject is enlarged on film to a magnification of 1.17 life size .....

**\$ 19.50**

### 7105 FOCUSING EXTENSION TUBE

Provides variable extension from 16.8mm to 30.6mm. When used with a standard 55mm lens, it will permit magnifications from .3X to .71X .....

**\$ 29.50**

### 786 BELLOWS UNIT I

Extremely flexible for ultra-close-up photography, the Bellows Unit I permits use of the camera's own lens. Special precision-calibrated gear shaft for reading continuous magnification from 0.62 to 2.45 with the standard 55mm Takumar lens. ....

**\$ 29.50**

### 7095 AUTO BELLOWS

Consists of one bellows on a single, rack and pinion track. Tripod base can be shifted to balance the equipment. Bellows can be moved forward and reverse, front lens board can be reversed to mount lens in a reverse position. Double cable release triggers the camera shutter and front automatic diaphragm simultaneously .....

**\$ 99.50**

### 7090 SLIDE COPIER

Precision, finely made Slide Copier attaches to the front of the Auto Bellows for quick, accurate slide duplication and partial slide magnification .....

**\$ 34.50**

### 755 REVERSE ADAPTER

Allows standard 50mm or 55mm lenses to be used on Bellows I or Bellows II or extension tubes in reverse position for better macro results .....

**\$ 2.95**

### 7101 DELUXE COPY STAND II

Quickly and accurately aligns any Pentax camera for copying documents, specimens, artwork, other items. ....

**\$ 99.50**

### 7091 MICROSCOPE ADAPTER

Fitting between the Pentax camera body and the microscope tube, the adapter permits utilization of the microscope's optics in place of the camera's lens. It may be used with any microscope which has a tube of 25mm diameter. Complete set consists of adapter main tube, light sealing tube. ....

**\$ 25.00**



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## MACRO AND MICRO copy equipment

Cat. No.

## 717 PENTAX COIPOD

Lightweight, but extremely rigid and sturdy. This portable copying stand fits all models of the Pentax and can be used anywhere for copying documents, artwork, stamps, etc. Consists of a lens board complete with adapter ring for 49mm lenses, and four calibrated telescoping legs. Sets up easily in seconds and is quickly disassembled. Fits neatly into small black pouch for storage or carrying convenience. .... \$ 24.50

## 820 COIPOD ADAPTER RING

This adapter permits the use of 49mm filters and lens hoods on 46mm Takumar lenses ..... \$ 1.95

## 798 CLIP-ON MAGNIFIER

For added convenience in critical focusing for close-ups, copying, macro photography, etc. Easily attached to the slotted frame of the viewfinder and enlarges viewfinder image 2x. .... \$ 11.95

## 821 CLOSE-UP LENS

Ground and polished to Takumar lens standards and has screw-in mount for lenses of 49mm thread. Provides for subject field size of  $2\frac{3}{4} \times 4\frac{1}{8}$  to  $6\frac{1}{2} \times 9\frac{3}{4}$  inches with 55mm Takumar lenses. Steps down to 46mm thread with Cat. No. 820 Copipod Adapter Ring. Magnification of 0.32 to 0.15 at subject to film plane of 11 to 18½ inches with 55mm lens ..... \$ 11.50

## 788 RIGHT ANGLE FINDER

Attaches quickly and easily to the viewfinder of all models of Honeywell Pentax cameras. Designed for added convenience in low angle and close-up photography, photomicrography, etc. .... \$ 29.50



COIPOD

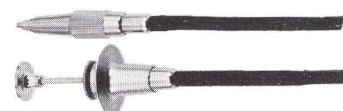


CLIP-ON MAGNIFIER

### MISCELLANEOUS ACCESSORIES

Cat. No.

- |   |             |
|---|-------------|
| 789 Cable Release. 10" with rotating thread mount and locking screw for time exposure. ....   | \$ 2.50     |
| 7104 Deluxe Cable Release, 12" with rotating thread mount and spring-loaded locking collar. ....  | \$ 3.95     |
| 790 Leica Adapter "A", permits use of Leica screw-mount lenses on Pentax camera body for close-up photography only. ....  | \$ 6.95     |
| 791 Leica Adapter "B", for use with Pentax-Takumar lenses on Leica screw-mount camera bodies. For close-up photography only. ....                               | \$ 6.95     |
| 7092 Deluxe Accessory Clip, locks into grooved slot of viewfinder for sturdy support of shoe-mounted accessories. ....  | \$ 4.95     |
| 781 Rear Lens Cap, for protection of rear optic of Takumar lenses when not in use. (For all Takumar lenses) ....  | \$ 1.75     |
| 757 Front Lens Cap for lens Cat. Nos. 742, 825, 879, 737, 736, 826, 738, 743, 893, 719, 7081. ....  | \$ 1.75     |
| 794 Cap for Camera Body, for protection of Pentax camera body when lens is removed. ....  | \$ 1.75     |
| 7102 Box of 10 "D"-Rings for attaching camera straps to camera lugs. ....   | \$ 1.50     |
| 796 Clip-on Eyepiece for prescription lens; eyepiece only ....  | \$ 2.95     |
| 795 Film Cassette for bulk loading ....   | \$ 4.95     |
| 7020 Leather Carrying Case, for Pentax camera, lenses and accessories ....  | \$ 39.50    |
| 7096 Right-Angle Mirror Adapter, for taking candid pictures of subjects at right angles from lens axis. Fits telephoto lenses having 58mm filter diameters .... | \$ 89.50    |
| 7109 "N" 500mm and 1000mm Takumar lens adapter to fit Nikon ....  | \$ 19.50    |
| 7110 "C" 500mm and 1000mm Takumar lens adapter to fit Canon ....  | \$ 19.50    |
| 7111 "M" 500mm and 1000 Takumar lens adapter to fit Minolta ....  | \$ 19.50    |
| 7112 "K" 500mm and 1000mm Takumar lens adapter to fit Konica ....   | \$ 19.50    |
| 7113 Shoulder Pad (10 in a box) ....  | \$ 9.50     |
|   | \$1.00 each |

CLOSE-UP  
LENSRIGHT ANGLE  
FINDER

CABLE RELEASE

RIGHT ANGLE  
MIRROR ADAPTERDELUXE  
ACCESSORY  
CLIPLEATHER  
CARRYING  
CASE

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX spotmatic motor drive



HONEYWELL PENTAX SPOTMATIC SET 36

Motorized capabilities are combined with the classical Pentax feel and dependability in the Honeywell Pentax Spotmatic Motor Drive. Unusually trim and compact, this flexible system increases the user's photographic capabilities. Since the camera is always cocked and advanced it helps capture those decisive moments, fleeting expressions and unexpected events that make outstanding pictures.

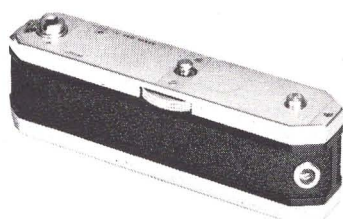
When set for consecutive operation, three frames per second are exposed with a choice of shutter speeds from 1/60 to 1/1000 second. Fast action is caught in revealing sequence photographs.

Single exposures can also be made when wanted. They are taken as fast as the trigger is pulled at any shutter speed from 1 to 1/1000 second or bulb. For use as a regular Spotmatic, the motorized base is easily removed.

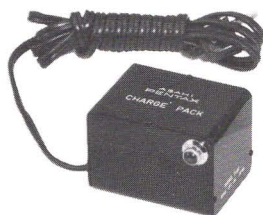
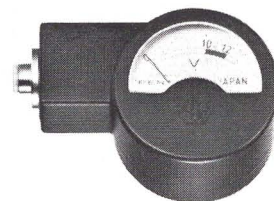
Includes charger and NiCad battery in the cordless grip for power supply. Either 20 or 36 exposure rolls are used with the Set 36. Up to 250 exposures without reloading are possible with the Bulk Film Back.

The optional remote control unit, interval timers and a wide range of power sources add to the system's flexibility.

Cat No. 7059 Honeywell Pentax Spotmatic Set 36 with NiCad battery, charger ..... **\$769.00**

PENTAX MOTOR DRIVE SPOTMATIC WITH  
50MM F/1.4 SUPER-TAKUMAR

PENTAX MOTOR DRIVE UNIT

CORDLESS  
BATTERY  
GRIPNICAD BATTERY  
AND CHARGER

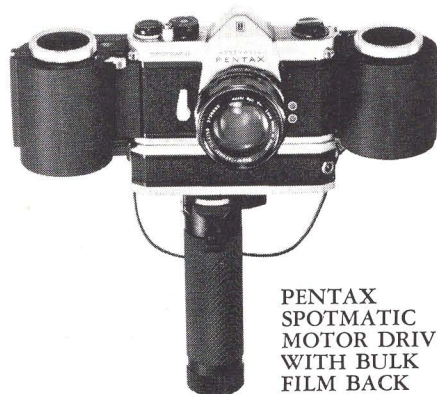
BATTERY CHECKER



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX

### spotmatic motor drive



PENTAX  
SPOTMATIC  
MOTOR DRIVE  
WITH BULK  
FILM BACK



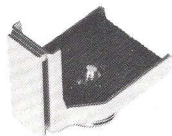
250 EXPOSURE  
CARTRIDGE LOADER



SOFT  
CASE



MINUTE  
TIMER



"E" CLIP



3' REMOTE CORD

### Specifications

Lens — 50mm Super-Takumar f/1.4

Dimensions — 5 $\frac{7}{8}$ " x 10 $\frac{1}{2}$ " x 3 $\frac{5}{8}$ " (Set 36)

11 $\frac{3}{8}$ " x 10 $\frac{1}{2}$ " x 3 $\frac{5}{8}$ " (with bulk film back)

Weight — 2 lbs., 10 oz., with NiCad Battery (Set 36)

Exposure Modes — manual-single; motorized-single; motorized-consecutive at 3 frames per second

Power Supply — NiCad battery (3500 exposures at normal taking speed between charges)

### Accessories

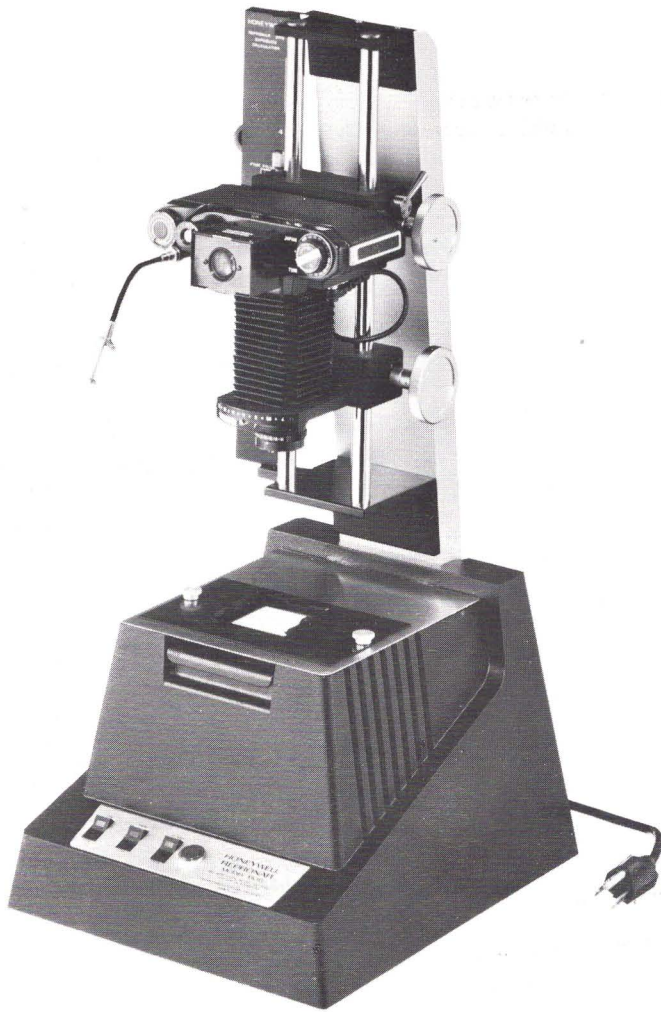
Cat. No.	Item	Price
7011*	Pentax Motor Drive Camera only .....	\$379.50
7012	Pentax Motor Drive Unit only .....	\$320.00
7013	Pistol Grip .....	\$ 39.50
7071	Motor Drive Unit, Pistol Grip, NiCad Batteries and Charger .....	\$410.00
7028	Soft Case for Spotmatic Motor Drive .....	\$ 26.50
7016	Bulk Film Back (For up to 250 exposures) .....	\$229.50
7064	Motor Drive Counter Cord .....	\$ 5.50
7014	NiCad Battery .....	\$ 24.95
7024	AC Power Pack .....	\$152.50
7026	Relay Pack .....	\$ 27.50
7015	Battery Charger .....	\$ 24.50
7021	Second Timer .....	\$449.50
7023	Minute Timer .....	\$449.50
7025	Hour Timer .....	\$449.50
7017	250 Film Cartridge .....	\$ 17.50
7018	"AA" Battery Loader .....	\$ 24.50
7019	12V Battery Checker .....	\$ 10.50
7022	250 Cartridge Loader .....	\$ 69.50
7061	Motor Drive "E" Clip Bracket for Flash .....	\$ 7.50
7062	3' Remote Cord (12VDC source to motor) .....	\$ 6.50
7063	33' Remote Cord (12VDC source to motor) .....	\$ 12.50
7066	AC Cord .....	\$ 11.50
7067	6 Pin Remote Cord from Power Pack to Timer .....	\$ 14.50

\*Original purchaser of the No. 7011 Motor Drive Camera will have life-time warranty to secure service to fit the camera on the motor drive unit.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL REPRONAR MODEL 805 color duplicator



The Honeywell Repronar Model 805 is the latest advancement in a highly successful line of color transparency copying instruments for beginner amateur, advanced amateur and professional use.

Its simple adjustments and controls make it easy for even the beginner to turn out remarkable results in a very short time. The Repronar, in fact, can achieve the same professional results as the most expensive enlargers for black and white work. However, the Repronar can do it in color *and* black and white, easier, and with practically no operator experience.

The Repronar, manufactured by Honeywell, consists of a special precision 35mm Pentax camera, an easel with slide and filter holders, an electronic flash source with high and low output control, an incandescent light source for viewing the transparency to be copied and an adjustable exposure calculator.

### The Camera

The special 35mm camera is a single-lens reflex type with a high quality preset f/4 lens. The camera is exceptionally easy to use with its rapid film advance lever and film rewind crank. A selector button on the film advance mechanism permits multiple exposures. The camera and lens carriages move smoothly on a helical rack to vary the magnification and to achieve sharp focusing. A ground glass screen lets the user see the image exactly as it will photograph. Critical focusing is aided by a magnifier which flips over the eyepiece.

### The Easel

The working area which holds the material to be copied is an integral part of the Repronar base. This means it's solid with no chance of vibration. The easel has a flush mounted opal glass screen approximately  $3\frac{1}{4}'' \times 2\frac{1}{2}''$ , through which the light from the electronic flash passes. In addition to the  $2\frac{1}{4} \times 2\frac{1}{4}$  and  $2 \times 2$  slide holders which are supplied with the Repronar, there will be an accessory film strip package available, an accessory easel for making film strips and an easel for copying film strips. Also planned is a motordrive accessory and a bulk film back. A built-in filter holder beneath the easel accommodates standard filter gelatin for color correction or special effect work.

### Electronic Flash Light Source

The electronic flash built into the base of the Repronar is color balanced to equal a color temperature of approximately noon daylight. It has a new high and low output control which permits a 4x ratio of high to low operation. The low output is the same as previous "one-light" models of the Repronar. This new 4x ratio is equivalent to two additional f/stops. The electronic flash is entirely controlled from the front operating panel.

### Incandescent Light Source

Integral with the electronic flash unit is a front panel switch-operated incandescent light source which is used for previewing and composing the image to be photographed.

### Adjustable Exposure Calculator

A newly designed exposure calculator indicates the proper exposure for the magnification selected. Exposure will depend on two variables: the aperture selected and the position of the high-low electronic flash power switch. Normally, for all operations on the Repronar, the camera and lens carriages should point to the same numbers on the high and low scales of the exposure calculator. Minor adjustments are then quickly made for focusing and composition.

Repronar Model 805, fully assembled, with  $2 \times 2$  and  $2\frac{1}{4} \times 2\frac{1}{4}$  transparency slide holders, and power cord.  
Cat. No. 805 ..... \$ 435.00

Cat. No. 808 Exposure Calculator Bar (Replacement) ..... \$ 19.50



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX 6x7 Ideal-Format SLR Camera System



The new Honeywell Pentax 6x7 is a complete system of large ideal-format SLR photography. Professional photographers have looked forward to a camera, larger in format than the 35mm, but with the same performance and function as the most advanced 35mm SLR. The 6x7 format is more versatile and more pleasing for most work — composing is done with the camera, not by cropping when the picture is printed.

The 6x7 has a complete range of interchangeable lenses, from 35mm fish-eye to a 1000mm super-telephoto, identified as "Takumar/6x7" and "Super-Takumar/6x7" to distinguish them from lenses for the 35mm Pentax Cameras.

The 6x7 lenses use a double bayonet system to securely attach them to the camera.

A complete line of accessories for close-up and macrophotography will also be available for the 6x7.

More than 50 years of manufacturing expertise in the camera and lens field are incorporated in the Pentax 6x7, and this knowledge of engineering design and craftsmanship are evident in this fine new camera system.

Cat. No. 7200 6x7 Camera with 105mm Super-Takumar, Pentaprism, Strap ..... **\$895.00**

Cat. No. 7570 6x7 Case ..... **\$ 39.50**

(Note: The 6x7 Camera, Cat. No. 7200, is shipped in the carrying case, Cat. No. 7570. Orders must include both.)

## SPECIFICATIONS

### Type

Large-format single-lens reflex camera with interchangeable lenses.

### Film size

120 roll film (10 exposures)  
220 roll film (21 exposures)

### Picture size

55mm x 69mm

### Exposure counter

Automatic re-set type

### Back cover

Hinged back for easy film loading and unloading.

### Film transport

Single-stroke rapid wind lever transports film and cocks shutter; permits free film transport without shutter cocking when film frames to be exposed are being brought into place.

### Rotation angle of rapid wind lever

10° pre-advancing angle + 180° advancing angle.

### Shutter

Electronically time-selecting focal plane shutter with rubberized silk curtains.

### Shutter speed dial

Linear scaled speed dial is a rotary switch for changing fixed resistors for electronic shutter mechanism.

### Shutter speeds

B 1 1/2 1/4 1/8 1/15 1/30 1/60 1/125 1/250 1/500  
1/1000 sec. and X.

### Electronic flash synchronization

1/30 sec.

### Power source for electronic shutter

6V silver battery (Eveready No. 544).

### Battery check

Push button + pilot lamp.

### Viewfinders

Detachable eye-level and waist-level viewfinders. Ground glass permits viewing of 100% film image; eye-level pentaprism viewfinders have a 10% safety factor.

### Ground glass and Fresnel lens

Combination of microprism center and fine ground glass.

### Instant return mirror

Swing-back and -up type instant return mirror.

### Diaphragm

Fully automatic diaphragm lenses from 35mm fish-eye to 300mm.

### Lens mount

Special dual bayonets: inside bayonet for lenses from 35mm fish-eye to 300mm, outside bayonet for other longer telephoto lenses.

### Weight

5 lbs., 4 oz. with 105mm standard lens and pentaprism viewfinder.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX 6 x 7 SLR Camera system accessories



CAT. NO. 7500 AUTO EXTENSION TUBES ON 6x7



CAT. NO. 7512 RIGID HOOD

### HONEYWELL PENTAX 6x7

#### Cat. No.

7200	6x7 Camera, 105mm Super-Takumar & Penta Prism + Strap .....	\$895.00
7570	6x7 Carrying Strap .....	\$ 39.50
(Note: The 6x7 Camera, Cat. No. 7200, is shipped in the Carrying Case, Cat. No. 7570. Orders must include both.)		
7201	6x7 Camera Body .....	\$445.00
7210	6x7 Penta Prism .....	\$150.00
502	6 Volt Silver Oxide Battery (PX28/E544) .....	\$ 2.50

### 6x7 ACCESSORIES

#### Cat. No.

7511	Folding Hood .....	\$ 44.50
7512	Rigid Magnifying Hood .....	\$ 54.50
7509	Rubber Eye Cup .....	\$ 2.50
7510	2 x Magnifier for Prism .....	\$ 24.50
7550	Body Cap (Lens) .....	\$ 3.50
7556	Rear Lens Cap (Inner) .....	\$ 3.50
7557	Neck Strap .....	\$ 2.50

### 6x7 PRESCRIPTION EYEPIECES

#### Cat. No.

7517	-5 Diopter .....	\$ 3.50
7518	-4 Diopter .....	\$ 3.50
7519	-3 Diopter .....	\$ 3.50
7520	-2 Diopter .....	\$ 3.50
7521	-1 Diopter .....	\$ 3.50
7522	+1 Diopter .....	\$ 3.50
7523	+2 Diopter .....	\$ 3.50

### 6x7 FILTERS

#### Cat. No.

7400	67mm Skylight .....	\$ 22.50
7401	67mm UV .....	\$ 22.50
7402	67mm Lt. Yellow .....	\$ 22.50
7403	67mm Med. Yellow .....	\$ 22.50
7404	67mm Med. Orange .....	\$ 22.50
7405	67mm Yellow Green .....	\$ 22.50
7406	67mm Med. Red .....	\$ 22.50
7407	67mm Cloudy .....	\$ 22.50
7408	67mm Morning/Evening .....	\$ 22.50
7409	67mm Flash .....	\$ 22.50
7410	67mm Flood .....	\$ 22.50

### 6x7 MACRO & COPY EQUIPMENT

#### Cat. No.

7055	Auto. Ext. Tubes (for 35mm to 300mm lenses) .....	\$ 69.50
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# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL PENTAX 6x7 SLR Camera System Lenses



300mm f/4.0  
SUPER-TAKUMAR



200mm f/4.0  
SUPER-TAKUMAR



150mm f/2.8  
SUPER-TAKUMAR



75mm f/4.5  
SUPER-TAKUMAR



35mm f/4.5  
SUPER-TAKUMAR

### 6x7 SUPER-TAKUMAR LENSES

Cat. No.

7300	35mm f/4.5 Super-Takumar (Full Frame Fish-eye)	\$619.50
7310	55mm f/3.5 Super-Takumar	\$449.50
7320	75mm f/4.5 Super-Takumar	\$249.50
7330	105mm f/2.4 Super-Takumar (Normal Lens for 6 x 7 Format)	\$300.00
7350	150mm f/2.8 Super-Takumar	\$289.50
7360	200mm f/4.0 Super-Takumar	\$319.50
7370	300mm f/4.0 Super-Takumar	\$719.50

### 6x7 LENS HOODS

7420	Hood for 75mm Super-Takumar	\$ 24.50
7421	Hood for 105mm Super-Takumar	\$ 24.50
7422	Hood for 150mm Super-Takumar	\$ 24.50

# **TAKUMAR LENS SPECIFICATION** cross-reference chart for 6x7 Camera

CAT. NO.	LENS	DIAPHRAGM	LENS ELEMENTS	LENS TYPE	MIN. APERTURE	MINIMUM FOCAL DIST.		ANGLE Degrees	WEIGHT		FILTER DIAMETER for Threaded Filters	LENS HOOD SIZE (In mm)	LENGTH		DIAMETER		PRICE \$
						Feet	Meters		Ozs.	Gm.			In.	mm	In.	mm	
7300	Fish-Eye 35mm Takumar /6x7 f/4.5	Fully-Auto.	11	Wide Angle Retrofocus	f/22	1.4	0.45	180°	32.9	932	UV, Y2, O2, R2	—	2.9	73	3.9	102	619.50
7310	55mm Super-Takumar /6x7 f/3.5	Fully-Auto.	8	Wide Angle Retrofocus	f/22	1.4	0.45	78°	33.9	962	95	—	3.2	82	3.9	103	449.50
7320	75mm Super-Takumar /6x7 f/4.5	Fully-Auto.	5	Wide Angle Retrofocus	f/22	2.2	0.70	61°	20.5	580	82	82	3.2	81	3.5	89	249.50
7330	105mm Super-Takumar /6x7 f/2.4	Fully-Auto.	6	Normal	f/22	3.2	1.00	45°	22.0	625	67	67	2.4	60	3.5	89	300.00
7350	150mm Super-Takumar /6x7 f/2.8	Fully-Auto.	5	Telephoto	f/22	4.9	1.50	33°	27.1	768	67	67	3.6	92	3.5	89	289.50
7360	200mm Super-Takumar /6x7 f/4.0	Fully-Auto.	4	Telephoto	f/22	8.2	2.50	26°	31.6	887	67	*	4.7	120	3.5	89	319.50
7370	300mm Super-Takumar /6x7 f/4.0	Fully-Auto.	5	Telephoto	f/45	16.4	5.00	17°	49.4	1400	82	*	7.3	186	7.4	93	719.50

\*Lens Hood supplied w/lens.



**HONEYWELL  
STROBONAR**

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## AUTO/STROBONAR 332 With Rapid Charge



The two newest concepts in electronic flash — rapid charge and automatic operation — make the Auto/Strobonar 332 the most advanced unit on the market today. With the Rapid Charge feature the 332 delivers about 30 flashes after a 20-minute charge. After a 3-hour charge, the 332 delivers approximately 50 flashes. Recycle time is about 9 seconds between each flash.

The 332 is ready to shoot in minutes after being fully discharged — there's no overnight waiting to charge the unit! You can be assured of a full charge for a roll of film after charging for 20 minutes when the battery state is unknown. Heavy duty capability assures hundreds of pictures in a day if you need them.

The 332 has a guide number of 40 for ASA 25 film when used in the manual position. Typical auto-operation settings are f/2.8 for ASA 25 or f/4.5 for ASA 64. Flash duration is 1/50,000 second to 1/1000 second when using automatic and about 1/1000 second in non-automatic.

Angle of coverage is 50 degrees horizontally and vertically and color temperature approximates noon daylight. The Auto/Strobonar 332 accepts an interchangeable lens kit which includes a neutral density No. 2 filter, a neutral density No. 4 filter, a wide angle neutral density No. 2 filter, a regular wide angle lens, a UV filter and a No. 85 conversion filter.

Weight of the compact 332 is 12 ounces and it measures 4.3 x 1.7 x 3.2 inches



NO. 4301 LENS KIT

### Specifications

#### GUIDE NUMBER

Auto-Operation — Not applicable  
Non-Automatic Operation — 40 for ASA 25 film

#### FLASH DURATION

Auto-Operation — 1/50,000 sec. to about 1/1000 sec.  
1/30,000 sec. at 2 ft.  
Non-Automatic Operation — About 1/1000 second

#### RECYCLE TIME

About 9 seconds to ready light with charged battery

#### FLASHES PER RAPID CHARGE

About 10 after 5 minutes of charge  
About 30 after 20 minutes of charge  
About 50 after 3 hours of charge

#### BATTERY CONDITIONING (Before first use)

Charge for 3 hours

#### ANGLE OF COVERAGE

50 degrees horizontal and vertical

#### COLOR TEMPERATURE

Approximately noon daylight

#### AUTO-OPERATION SETTING (Typical)

f/2.8 for ASA 25 — f/4.5 for ASA 64

#### AUTO-OPERATION DISTANCE

2-14 feet

#### AUTO-OPERATION SENSOR MEASURING ANGLE

About 20 degrees

#### SHUTTER CORD (Detachable)

10 inches long with threaded tip for a variety of shutter connectors. A PC tip connector is supplied with the unit.

#### WEIGHT

12 ounces

#### SIZE

4.3 x 1.6 x 3.2 inches

Cat. No. 166 Auto/Strobonar 332 with Accessory 10-inch Shutter Cord ..... \$99.50

Cat. No. 4301 Lens Kit for 332 Auto/Strobonar ..... \$ 5.95



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## STROBONAR 312

### With Rapid Charge



The new Rapid Charge feature is built into the powerful, economical Strobolar 312 — it's ready to go in minutes when you need it, even if it's been fully discharged! If you're not sure of the battery state, plug the 312 in for 20 minutes and be assured of a full charge for the next roll of film. And for those big assignments that require continuous shooting, you can rely on the 312 to keep delivering. There's no overnight wait to charge the 312 — it's ready whenever you are!

The 312 delivers about 30 flashes after 20 minutes of charge and about 50 flashes after 3 hours of charge.

Flash duration is about 1/1000 second and the 312 recycles in about 9 seconds between each flash.

The Strobolar 312 has a guide number of 40 for ASA 25 film.

Angle of coverage is 50 degrees horizontally and vertically and color temperature approximates noon daylight.

An interchangeable lens filter kit is available for the 312 and includes a neutral density No. 2 filter, a neutral density No. 4 filter, a wide angle neutral density No. 2 filter, a regular wide angle lens, a UV filter and a No. 85 conversion filter.

The Strobolar 312 has the same classic, compact styling that characterizes the Honeywell line.

Weighing about 12 ounces, the 312 measures 4.3 x 1.6 x 3.2 inches.



NO. 4301 LENS KIT

### Specifications

#### GUIDE NUMBER

40 for ASA 25 film

#### FLASH DURATION

About 1/1000 second

#### RECYCLE TIME

About 9 seconds to ready light with charged battery

#### FLASHES PER RAPID CHARGE

About 10 after 5 minutes of charge  
About 30 after 20 minutes of charge  
About 50 after 3 hours of charge

#### BATTERY CONDITIONING (Before first use)

Charge for 3 hours

#### ANGLE OF COVERAGE

50 degrees horizontal and vertical

#### COLOR TEMPERATURE

Approximately noon daylight

#### SHUTTER CORD (Detachable)

10 inches long with threaded tip for a variety of shutter connectors. A PC tip connector is supplied with the unit.

#### WEIGHT

11 ounces

#### SIZE

4.3 x 1.6 x 3.2 inches

Cat. No. 162 Strobolar 312 with Accessory 10-inch Shutter Cord ..... **\$59.50**

Cat. No. 4301 Lens Kit for 312 Strobolar ..... **\$ 5.95**



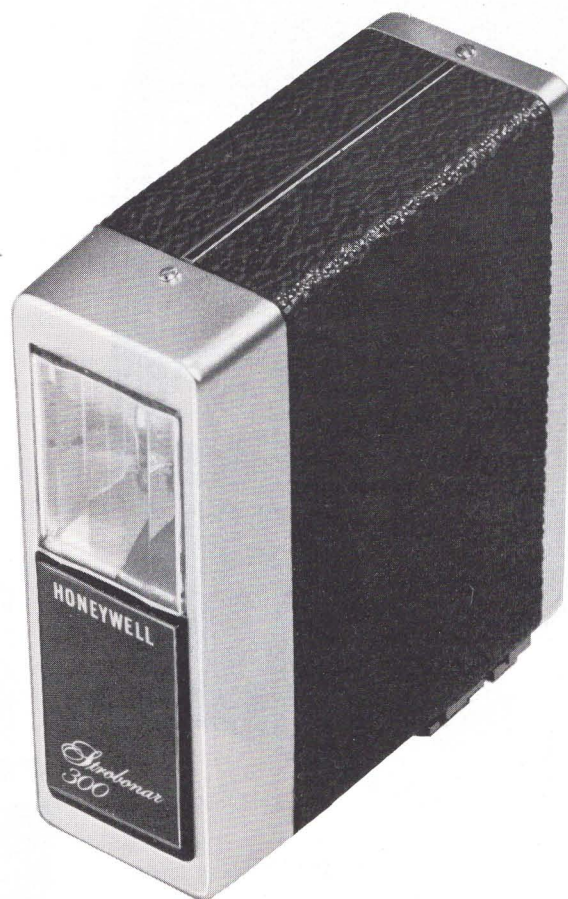
**HONEYWELL PHOTOGRAPHIC PRODUCTS****STROBONAR 300**

The Honeywell Strobolar 300 is a very small high power shoemount electronic flash and delivers exceptional power for its size.

The guide number is 40 for ASA 25 film. Either battery, AC or both combined can power the unit. Recycling time is 5 seconds using both, 8 seconds on battery and 15 seconds on AC. The Ni-Cad battery produces about 40 flashes per charge when used as the only power source. Using both battery and AC increases the number of flashes per charge. Recharging time is 15 hours. The Strobolar 300 comes equipped with both a hot shoe and a shutter cord so that either can be used. Angular coverage is a minimum of 65 degrees horizontally and 55 degrees vertically. Flash duration is 1/1200 second. The color temperature approximates noon daylight.

The Honeywell Strobolar 300 weighs eight ounces and measures approximately 3¼" by 2⅞" by 1⅛".

Also available in a satin-black finish.

**Specifications****GUIDE NUMBER**

40 for ASA 25 film

**FLASHES PER CHARGE**

40 typically

**RECYCLE TIMES**

5 seconds on battery and AC combined; 8 seconds on battery; 15 seconds on AC

**ANGLE OF COVERAGE**

65 degrees horizontally, 55 degrees vertically

**FLASH DURATION**

1/1200 second

**COLOR TEMPERATURE**

Approximates noon daylight

**BATTERY TYPE**

Built-in rechargeable nickel cadmium, with external charger transformer supplied.

**CHARGE TIME**

Approximately 15 hours

**DIMENSIONS**

Approximately 3.25 x 2.9 x 1.13 inches overall

**WEIGHT**

Approximately 8 ounces

**SYNCHRONIZATION**

Shutter connection by hot shoe or with supplied cord

Cat. No. 155	Strobolar 300 with 1' PC shutter cord .....	<b>\$ 69.50</b>
Cat. No. 163	Satin-black Strobolar 300 with 1' PC shutter cord .....	<b>\$ 74.50</b>



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## AUTO/STROBONAR 770



The Auto/Strobonar 770 may be used automatically or conventionally. In the automatic mode, it provides complete exposure control at distances from 2 to 23 feet. One initial f/stop setting is made, depending on the film used, and the 770 automatically varies its output for the correct exposure. Typical settings would be f/3.5 with Kodachrome II or f/11 for ASA 300 film. For conventional use the 770 has a Kodachrome II guide number of 80. A simple snap action switch converts the 770 from a conventional electronic flash to an automatic unit.

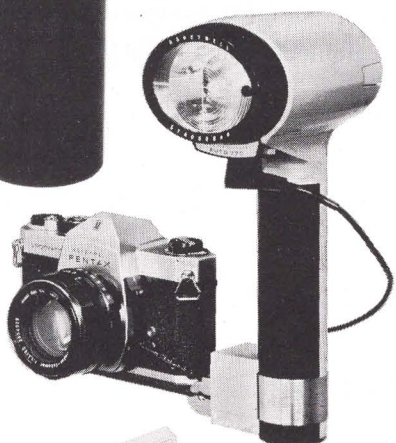
AC, battery or both combined can be used to power either automatic or non-automatic operation. Recycling time is typically 8-15 seconds on battery, 7½ seconds on AC and 5 seconds on AC and battery. The rechargeable Ni-Cad battery provides a minimum of 80 flashes per charge. Spare battery trays are available as accessories.

Flash coverage is 50 degrees horizontally and vertically with a noon daylight color temperature. In automatic operation, the flash duration depends on the camera to subject distance and is as short as 1/50,000.

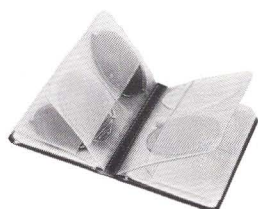
When used non-automatically, the flash duration is 1/1,000 second.

Inside, the Auto/Strobonar 770 features special circuitry. It delivers the correct exposure even with other flash units going off nearby; and when slave units are used, the 770 automatically compensates for their additional light.

The 770 has an open flash button and easily read calculator. The bayonet lens filter kit may be used with the flash in either non-automatic or automatic modes. Lenses included are wide angle; ultra violet; wide angle ultra violet; neutral density 2, neutral density 4, neutral density 2/wide angle; type 85; and wide angle 85. Also available is the Variable Range Lens Kit which permits selection of different lens openings for auto operation resulting in greater depths of field and closer working distances to 6 inches.



NO. 4302 LENS KIT



NO. 167 LENS KIT

### Specifications

<b>GUIDE NUMBER</b> 80 for ASA 25 film	<b>FLASH DURATION</b> 1/1000 second in conventional operation, as short as 1/50,000 in "auto"
<b>FLASHES PER CHARGE</b> 80 minimum	<b>TYPICAL AUTOMATIC OPERATION SETTING</b> f/3.5 for ASA 25 film
<b>RECYCLE TIME</b> Typically 8-15 seconds on battery*; 7½ seconds on nominal AC; approximately 5 seconds on battery plus AC* *to 100% power neon	<b>AUTOMATIC OPERATION RANGE</b> Approximately 2 through 23 feet
<b>ANGLE OF COVERAGE</b> 50 degrees horizontally and vertically	<b>SIZE</b> 9.6 x 3.6 x 4.0 inches overall
<b>COLOR TEMPERATURE</b> Approximately noon daylight with built-in color correction	<b>WEIGHT</b> 26 ounces on camera
	<b>BATTERY TYPE</b> Built-in rechargeable Ni-Cad (replaceable battery tray assembly) See page 12.
Cat. No. 172 Auto/Strobonar 770 .....	<b>\$159.50</b>
Cat. No. 167 Lens Kit for Strobonars 700, 770, 800 and 880.....	<b>\$ 7.95</b>
Cat. No. 4302 Variable Range Lens Kit for 770 or 880 .....	<b>\$ 8.95</b>

**HONEYWELL PHOTOGRAPHIC PRODUCTS****AUTO/STROBONAR 350**

Slim and handsome, the 350 measures only 3¼"x3¼"x1⅛" and weighs only 8½ ounces. The automatic exposure range is one to ten feet, making the Auto/Strobonar 350 one of the smallest, high power computer flash units available. It may be operated from battery, AC or a combination of both for reduced recycles times. It recycles in a fast 8 seconds and delivers 40 flashes with each charge. To convert from automatic to manual operation simply slide the selector switch over the sensor. Ready light and dial for automatic settings are in back for quickly checking if you're ready to shoot.

**Specifications**

GUIDE NUMBER  
40

NO. OF FLASHES PER CHARGE  
40

DC RECYCLE TIME  
8 sec.

ANGLE OF COVERAGE  
46° x 60°

COLOR TEMPERATURE  
5500°K

AUTOMATIC FLASH DURATION  
1/2000-1/30,000

ASA 25 AUTO SETTING  
f/4.0

AUTOMATIC DISTANCE RANGE  
1 to 10 ft.

AUTOMATIC OR MANUAL OPERATION  
Yes

NEON READY LIGHT  
Yes

COMBINED AC/DC OPERATION  
Yes

CHARGING TIME  
15 hrs.

HOT SHOE  
Yes

16" PC SHUTTER CORD  
Yes

OPEN FLASH BUTTON  
Yes

SIZE (inches)  
3¼ x 3¼ x 1⅛

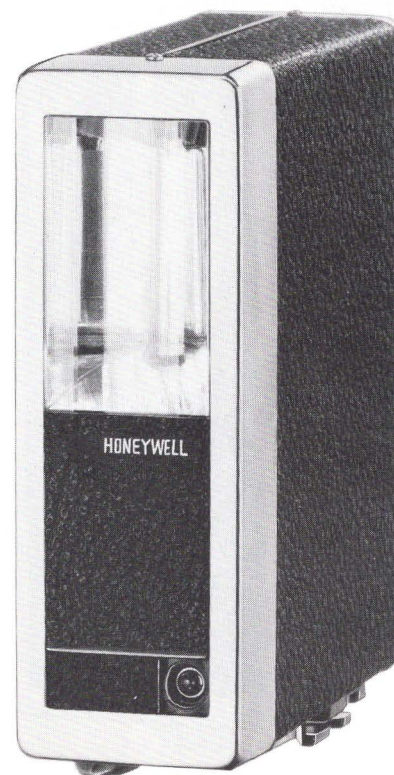
WEIGHT (ounces)  
8½

Cat. No. 4500 Auto/Strobonar 350 with 16-inch Shutter Cord ..... **\$84.50**



**HONEYWELL PHOTOGRAPHIC PRODUCTS****AUTO/STROBONAR 450**

The Auto/Strobonar 450 has the same smart, trim styling as the 350 and is only slightly larger in size. The 450 is more powerful with a range of one to thirteen feet. It recycles in eight seconds and delivers 50 flashes with each charge. The 450 is quickly converted from automatic to manual operation by sliding the selector switch over the sensor. Ready light and settings are in back of the unit for fast reference when shooting. The 450 is also an extremely lightweight unit, weighing only 13 ounces.

**Specifications****GUIDE NUMBER**

50

**FLASHES PER CHARGE**

50

**DC RECYCLE TIME**

8 sec.

**ANGLE OF COVERAGE**

46° x 60°

**COLOR TEMPERATURE**

5500°K

**AUTOMATIC FLASH DURATION**

1/1000-1/30,000

**ASA 25 AUTO SETTING**

f/4.0

**AUTOMATIC DISTANCE RANGE**

1 to 13 ft.

**AUTOMATIC OR MANUAL OPERATION**

Yes

**NEON READY LIGHT**

Yes

**COMBINED AC/DC OPERATION**

Yes

**CHARGING TIME**

15 hrs.

**HOT SHOE**

Yes

**16" PC SHUTTER CORD**

Yes

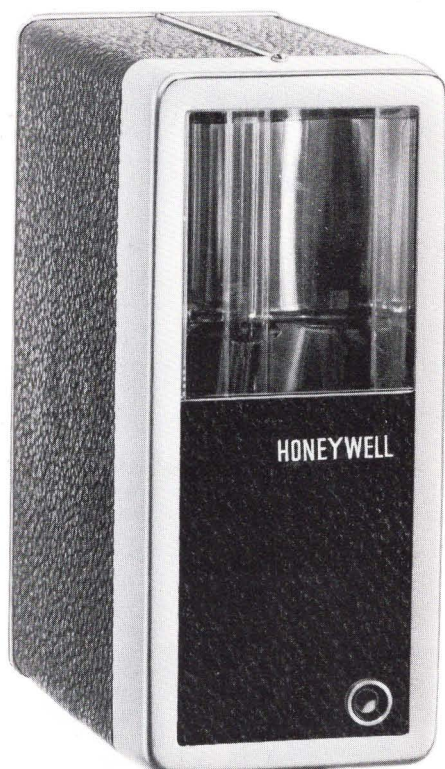
**OPEN FLASH BUTTON**

Yes

**SIZE inches**3<sup>7</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>4</sub> x 1<sup>3</sup>/<sub>8</sub>**WEIGHT (ounces)**

13

Cat. No. 4501 Auto/Strobonar 450 with 16-inch Shutter Cord ..... **\$109.50**

**HONEYWELL PHOTOGRAPHIC PRODUCTS****AUTO/STROBONAR 550**

The Auto/Strobonar 550 is the largest and most powerful unit in the small, compact series. It has a range all the way from one to sixteen feet. Slightly wider than the Auto/Strobonar 450, the 550 delivers 45 flashes with each charge and recycles in 8½ seconds. Settings, ready light, shutter cord outlet and automatic-manual switch are all located on the back of the 550 for ready access. The black leatherette and chrome unit has clean, distinctive styling that distinguishes it as another quality Honeywell product.

**Specifications**

GUIDE NUMBER  
63

NO. OF FLASHES PER CHARGE  
45

DC RECYCLE TIME  
8½ sec.

ANGLE OF COVERAGE  
46° x 60°

COLOR TEMPERATURE  
5500°K

AUTOMATIC FLASH DURATION  
1/1300-1/30,000

ASA 25 AUTO SETTING  
f/4.0

AUTOMATIC DISTANCE RANGE  
1 to 16 ft.

AUTOMATIC OR MANUAL OPERATION  
Yes

NEON READY LIGHT  
Yes

COMBINED AC/DC OPERATION  
Yes

CHARGING TIME  
15 hours.

HOT SHOE  
Yes

16" PC SHUTTER CORD  
Yes

OPEN FLASH BUTTON  
Yes

SIZE (inches)  
3⅞ x 3¼ x 1¾

WEIGHT (ounces)  
16

Cat. No. 4502 Auto/Strobonar 550 with 16-inch Shutter Cord ..... **\$149.50**



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL STROBONAR 700

The Honeywell Strobonar 700 is similar to the 770 but does not have the automatic feature. A High Performance unit, 100% power is assured when the neon indicator lights.

The guide number for Kodachrome II is 80. Recycling time is typically 8-15 seconds on battery, 7½ seconds on nominal AC, and about 5 seconds on battery plus AC. A minimum of 80 flashes are provided by the Ni-Cad batteries per charge. The welded replaceable battery trays eliminate contact problems.

An open flash button is provided on the side of the receptacle housing. The calculator dial is easily read.

Flash coverage is 50 degrees horizontally and vertically. The color temperature is corrected to approximately noon daylight. At 25 ounces the 700 is one ounce lighter than the 770.

Lenses available for the 700 in the bayonet lens kit include wide angle; ultra violet; wide angle ultra violet; neutral density 2, neutral density 4, neutral density 2/wide angle; type 85; and wide angle 85.

### Specifications

#### GUIDE NUMBER

80 for ASA 25 film

#### FLASHES PER CHARGE

80 minimum

#### RECYCLE TIME

Typically 8-15 seconds on battery\*;  
7½ seconds on nominal AC;  
approximately 5 seconds on  
battery plus AC\*

\*to 100% power neon.

#### ANGLE OF COVERAGE

50 degrees horizontally  
and vertically

#### COLOR TEMPERATURE

Approximately noon daylight with  
built-in color correction

#### FLASH DURATION

1/1,000 second

#### SIZE

9.6 x 3.6 x 4.0 inches

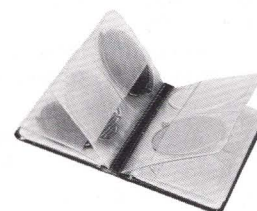
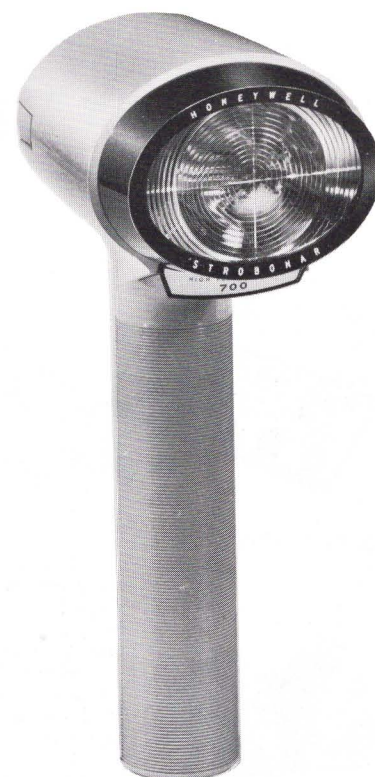
#### WEIGHT

25 ounces on camera

#### BATTERY TYPE

Built-in rechargeable Ni-Cad  
(replaceable battery tray assembly)  
See page 12.

Cat. No. 170	Strobonar 700 .....	\$ 99.50
Cat. No. 171	Strobonar 700 Set. (Also includes shutter cord and folding camera bracket) .....	\$107.50
Cat. No. 154	Strobonar P700, Special Model for use with Prox-O-Lite. (See page 11 for description.) .....	\$109.50
Cat. No. 167	Lens Kit for Strobonars 700, 770, 800 and 880 .....	\$ 7.95



NO. 167 LENS KIT

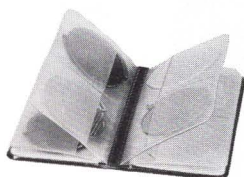


# HONEYWELL PHOTOGRAPHIC PRODUCTS

## AUTO/STROBONAR 880



NO. 4302 LENS KIT



NO. 167 LENS KIT

The Auto/Strobonar 880 is the only automatic electronic flash designed specifically for the needs of the working press photographer. When used automatically or non-automatically, the high voltage battery gives a 2-4 second recycle time and normally produces at least 1000 flashes. On AC the recycle time is 7 seconds. Either AC or battery can be used for automatic operation. The quick recycling and the automatic capability free the working photographer to concentrate entirely on getting the picture.

When the 880 is set for automatic operation, the photographer simply sets the f/stop for the film used and leaves it. ASA 400 film for example, requires a camera setting of f/16. Using its light metering system, the Strobonar automatically stops the flash when the subject area has received enough light to produce the best exposure.

The automatic feature is effective for distances from 2 to 23 feet. The flash duration depends on the distance from flash to subject and reaches a maximum speed of 1/30,000 when the distance is two feet. At 23 feet the flash duration is between 1/500 and 1/1000.

The unit has a flash duration of between 1/500 and 1/1000 when used non-automatically, and the guide number is 80 for ASA 25 film.

The new bayonet lens kit fits the Auto/Strobonar 880, and it operates either manually or automatically with the lenses attached. The kit includes these lenses: wide angle; ultra violet; wide angle UV; neutral density 2, neutral density 4, neutral density 2/wide angle; type 85; and wide angle 85. Also available is the Variable Range Lens Kit which permits selection of different lens openings for auto operation resulting in greater depths of field and closer working distances to 6 inches.

Flash coverage is 50 degrees horizontally and vertically. The unit has an open flash button and a Prox-O-Lite outlet which lets the Auto/Strobonar be used as a power source for the Prox-O-Lites 6A, 7, 7/66 or 804 flash head.

The Auto/Strobonar 880 weighs 17 ounces on camera and measures 9 $\frac{3}{8}$ " by 3 $\frac{3}{8}$ " by 4".

### Specifications

#### GUIDE NUMBER

80 for ASA 25 film

#### FLASHES PER BATTERY

typically 1,000

#### RECYCLE TIME

2-4 seconds with fresh battery; 7 seconds on AC

#### ANGLE OF COVERAGE

50 degrees horizontally and vertically

#### FLASH DURATION

Between 1/500 and 1/1000 on conventional operation;  
Between 1/500 and 1/50,000 on automatic operation,  
depending on distance

#### TYPICAL AUTOMATIC OPERATION SETTING

f/11 for ASA 300 film

#### AUTOMATIC OPERATING RANGE

2-23 feet

#### COLOR TEMPERATURE

Approximates noon daylight

#### SIZE

9.6 x 3.6 x 4 inches overall

#### WEIGHT

17 ounces on camera

#### BATTERY TYPE

High Voltage Eveready Type 497 Cat. No. 506

Cat. No. 151	Auto/Strobonar 880 with Pro Pak and Power Cord (less battery)	\$189.50
Cat. No. 167	Lens Kit for Strobonars 700, 770, 800 and 880	\$ 7.95
Cat. No. 106	Pro Pak Replacement	\$ 14.95
Cat. No. 506	Eveready Battery	
Cat. No. 454	Power Cord Replacement	\$ 9.95
Cat. No. 4302	Variable Range Lens Kit	\$ 8.95



**HONEYWELL PHOTOGRAPHIC PRODUCTS****STROBONAR 800**

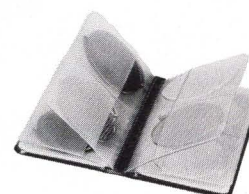
The Strobonar 800 is designed specifically for the needs of the working press photographer. It is basically the same unit as the 880 without automatic operation.

Recycling time is 2-4 seconds on battery, 7 seconds on AC. The high voltage battery is normally good for over 1000 flashes. With an ASA 25 film, the effective guide number is 80. For an ASA 400 film the guide number is 320. The flash duration is between 1/500 and 1/1000 second.

The Strobonar 800 has an open flash button and a Prox-O-Lite outlet which lets the unit serve as the power supply for the Prox-O-Lites 6A, 7, 7/66 or 804 Flash Head.

These lenses are available and included in the bayonet lens kit: wide angle, ultra violet; wide angle UV; neutral density 2, neutral density 4, neutral density 2/wide angle; type 85; and wide angle 85.

The horizontal and vertical angle of coverage is 50 degrees. The Strobonar 800 weighs 16 ounces on camera and measures 9 $\frac{5}{8}$ " by 3 $\frac{5}{8}$ " by 4".



NO. 167 LENS KIT

**Specifications****GUIDE NUMBER**

80 for ASA 25 film

**FLASHES PER BATTERY**

typically 1,000

**RECYCLE TIME**

2-4 seconds on battery; 7 seconds on AC

**ANGLE OF COVERAGE**

50 degrees horizontally and vertically

**COLOR TEMPERATURE**

Approximates noon daylight

**FLASH DURATION**

Between 1/500 and 1/1000 second

**SIZE**

9.6 x 3.6 x 4 inches overall

**WEIGHT**

16 ounces

**BATTERY TYPE**

High Voltage Eveready Type 497 — Cat. No. 506

Cat. No. 157	Strobonar 800 with Pro Pak and Power Cord (less battery) .....	<b>\$119.50</b>
Cat. No. 167	Lens Kit for Strobosars 700, 770, 800 and 880 .....	<b>\$ 7.95</b>
Cat. No. 106	Pro Pak .....	<b>\$ 14.95</b>
Cat. No. 506	Eveready Battery .....	
Cat. No. 454	Power Cord Replacement .....	<b>\$ 9.95</b>

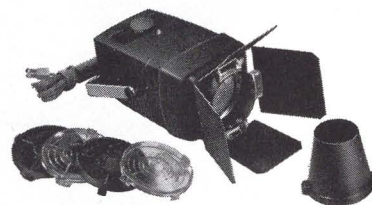
# HONEYWELL PHOTOGRAPHIC PRODUCTS

## SLAVE STROBONARS

### 200 and 202



STROBONAR 200

STROBONAR 200 WITH  
ACCESSORY LENS KIT

STROBONAR 202

The Honeywell Slave Strobosars 200 and 202 are neat, powerful and portable. They feature all new solid state sensing circuitry that is very sensitive to electronic flash and practically blind to ambient light. The sensing eye is directional and periscopes into the case when not in use. Both models have a highly visible, blinking ready light.

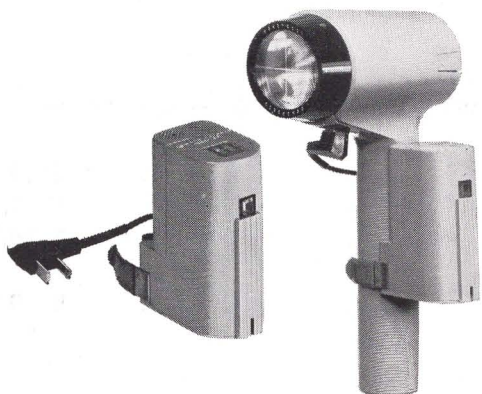
The 202 has an on-off switch for the modeling light and a Hi-Lo power switch that gives a choice of 46 or 32 as a guide number for ASA 25 films. The 200 provides a guide number of 32 for ASA 25 films.

Recycling time is 5 seconds (7 seconds for the 202 on high power). Coverage is 60 degrees horizontally and vertically with a color temperature approximating noon daylight. The adjustable mounting handle is tapped for standard 1/4-20 threads.

The 200 weighs 40 ounces and measures 4 1/2" by 6 5/8" by 9 1/8". 202 weighs 52 ounces and measures 4 1/2" by 6 5/8" by 9 1/8".

The Slave Accessory Kit includes one set of barn doors, one snoot, one diffusing lens and five filters.

Cat. No. 173	Slave Strobolar 200 .....	\$ 69.50
Cat. No. 174	Slave Strobolar 202 .....	\$ 89.50
Cat. No. 175	Slave Accessory Kit .....	\$ 29.50



### Fotoeye, Model 55B

The 55B Fotoeye converts Honeywell Strobosars and most other electronic flash units into independent slaves. No connecting cords are required. The effective working range is up to 200 feet, depending on the primary light source.

Cat. No. 182	Model 55B Fotoeye .....	\$ 19.95
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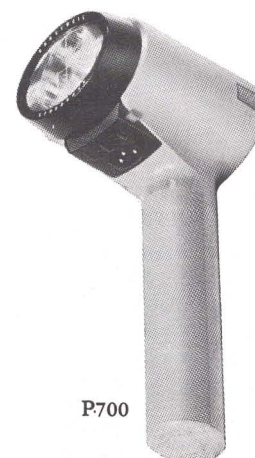
# HONEYWELL PHOTOGRAPHIC PRODUCTS

## ACCESSORY LIGHTING POWER SUPPLIES

### P700

Besides being a high performance electronic flash, the Strobonar P700 can serve as a power source for the Prox-O-Lite 7 and Prox-O-Lite 6A, 7/66 and 804. Either battery or AC operation may be used. As a flash unit, the Strobonar P700 has a guide number of 80 for ASA 25 film. The rechargeable Ni-Cad batteries deliver at least 80 flashes per charge, with a recycle time of 8-15 seconds. On AC the recycle time is 7½ seconds. For more information see page 7.

Cat. No. 154 Strobonar P700 ..... \$109.50



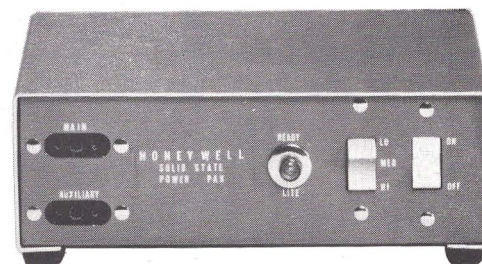
P700

### PROX-O-LITE HIGH PERFORMANCE PAK

The High Performance Power Pak features a regulating circuit that yields a six second recycle time that is fully regulated. There are two power outlets with a 3 to 1 power ratio. A three-position switch gives a choice of full power, minus 2 f/stops or minus 4 f/stops. At full power 40 watt seconds are provided, with 10 watt seconds at the medium setting and 2.5 watt seconds on low. The High Performance Power Pak measures 7" by 4" by 3" and weighs 34 ounces.

Cat. No. 180 High Performance Power-Pak ..... \$ 79.95

Cat. No. 462 Double Flash Outlet for simultaneous use of Prox-O-Lite and 804 Head ..... \$ 1.95



PROX-O-LITE HIGH PERFORMANCE PAK

### PROX-O-LITE CUSTOM AC PAK

The Custom AC Pak is a lightweight power supply. With an adapter plug (included), Cat. No. 181, it can also be used with the 6A and 7. The unit is supplied with a 6 foot AC cord, new on-off rocker switch and is enclosed in a vinyl clad metal case. Recycle time is typically 15 seconds with 52 watt seconds output. The Custom AC Pak weighs 26 ounces and measures 7" by 4" by 3".

Cat. No. 179 Custom AC Pak ..... \$ 49.50

Cat. No. 181 Adapter Plug for use with Prox-O-Lite and Flash Heads with older supplies ..... \$ 4.95



PROX-O-LITE CUSTOM AC PAK

For additional power supplies refer to the Auto/Strobonar 880, page 8, and the Strobonar 800, page 9.

## PROX-O-LITES AND AUXILIARY FLASH HEAD

### 804 FLASH HEAD

The 804 Flash Head resembles the familiar Honeywell Strobonars, but differs from them in having no battery supply or storage capacitor. Power can be provided from any Prox-O-Lite power supply. Primarily designed as a key light source for macro multi-light setups, the 804 readily lends itself to conventional assignments as well. When used alone with the High Performance Power Pak four different power levels are available. If used simultaneously with a Prox-O-Lite four basic lighting ratios are obtainable.

Cat. No. 164 Flash Head Model 804 ..... \$ 49.50



804

### PROX-O-LITE 7 AND 7/66

Prox-O-Lites are designed primarily for shadowless macro-photography. The Prox-O-Lite 7 threads directly to series 7 filter rings. For smaller lenses, step down rings are available. It will operate between 320 and 550 volts DC and up to 120 watt-seconds. A typical guide number for ASA 25 film with 60 watt-second input is 20. Color temperature approximates noon daylight with 70 degree coverage vertically and horizontally. The unit weighs 5.25 ounces, measures 5¾" by 3½" by 1" and has a 36" cord.

Cat. No. 160 Prox-O-Lite 7 ..... \$ 59.50



PROX-O-LITE 7 and 7/66



# HONEYWELL PHOTOGRAPHIC PRODUCTS



STROBONAR 60S  
SLAVE UNIT

## SLAVE STROBONAR 60S UNIT

(Guide No. — Kodachrome II — 80)

The only self-contained electronic flash slave unit on the market; provides the easiest, most convenient way to improve pictures with multiple lighting. Compact, light-weight, balanced to mount easily on a light stand with the Hold-It or Foto-clamp. Unit also has handle for carrying. Neon indicator light is built into reflector for visibility from camera. Photoelectric cell is protected by metal directional shield. Powered by one 240v, 491 Eveready dry battery that gives approximately 1000 flashes. No connecting cords required. May be plugged into camera shutter if desired.

Cat. No.

- |     |                                    |          |
|-----|------------------------------------|----------|
| 117 | Slave Strobonar 60S (less battery) | \$109.50 |
| 504 | Eveready 491 Battery for above     |          |

## ACCESSORIES

### HOLD-IT

- 327 Black plastic mounting handle designed primarily for placing Slave Strobos on light stand. Hollow handle slides over top section of light stand, and locks with thumb screw. Adjustable swivel head with locking screw permits directional control. May be used with any equipment using 1/4-20 fittings \$ 6.95



327

### FOTOCLAMP

- 328 Sturdy universal ball and socket with locking screw and C-clamp. Supports cameras, 60S Slave Unit, Modeling Slave Strobos, or other equipment with standard tripod socket \$ 19.95



328

## BATTERIES FOR HONEYWELL STROBONARS AND FLASH EQUIPMENT

- |     |   |          |
|-----|---|----------|
| 546 | Strobonar 700 Battery and Tray Set  | \$ 16.95 |
| 545 | Auto/Strobonar 770 Battery and Tray Set   | \$ 16.95 |
| 375 | Auto/Strobonar 660 Battery and Tray Set   | \$ 16.95 |
| 376 | Strobonar 600 Battery and Tray Set  | \$ 16.95 |
| 504 | Eveready No. 491, 240v dry battery for Strobonar 60S  |          |
| 506 | Eveready No. 497, 510v dry battery for Strobos 63A, 63B, 71A, 72A, 72B, and 65D; one required. Each |          |
| 528 | Honeywell Permacad Rechargeable 1/2 C cells. (See battery clip info Cat. 532) Each                  | \$ 3.25  |
| 532 | Battery clip (1) is required for use with 4 Cat. 528 1/2 C cells.                                   | \$ .65   |
| 527 | Honeywell Permacad Rechargeable C cells.  | \$ 5.25  |
| 520 | Honeywell Permacad Rechargeable D cells.  |          |
| 526 | Honeywell Permacad Rechargeable 600SC cells for 66A Strobonar                                       | \$ 3.25  |



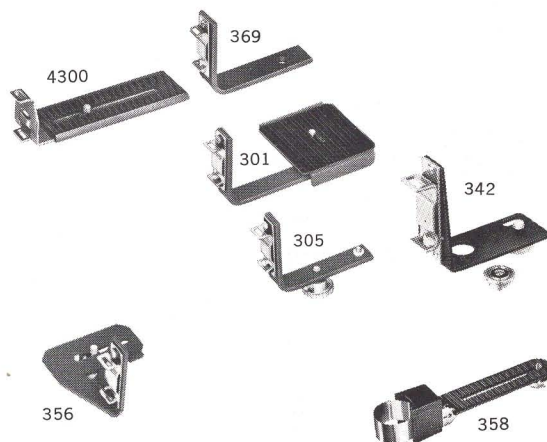
# HONEYWELL PHOTOGRAPHIC PRODUCTS

## FLASH ACCESSORIES (cont'd)

### BRACKETS

Cat. No.

4300	Standard Bracket .....	\$ 4.50
301	R-7 Universal Reflex Bracket .....	6.95
305	Retina IIIC Bracket .....	6.95
356	Bracket for Polaroid 100 and 101 cameras .....	6.95
358	Universal Folding Bracket for most popular cameras .....	5.95
342	Rollei 35 Bracket with hot shoe adapter .....	6.95
369	Rollei TLR Pistol Grip Bracket .....	4.95
329	Pistol Grip Bracket .....	11.95



### QUICK-RELEASE CLAMP

- 308 Fits Strobosonar 770, 700, 65C, 65A, 65B, 65D, 72A, and 1½" diameter mounting tubes. Instantly removable for off-camera flash, yet sturdy enough to permit carrying all but heaviest cameras by the flash unit ..... \$3.95
- 309 Quick-Release Clip, for mounting Quick-Release Clamp on brackets not already equipped with clip ..... .95

### QUICK-RELEASE SHOE MOUNT HANDLE

- 366 Designed for bracket mounting shoe mount electronic flash ..... \$6.95

### MODEL E CLAMP

Permits mounting of electronic flash on standard rangefinder bars, and standard flash mounting bars. For use with Strobosonar 770, 700, 65C, 65A, 65B, 65D, 72A, and all 1½" diameter mounting tubes.

- 310 Model E Clamp can be used with standard Honeywell brackets fitted with Quick Release Clip substituting E Clip below. Requires E Clip for use with brackets ..... \$5.95
- 311 E Clip for mounting Model E Clamp ..... .95

### MOUNTING TUBE, HR-30

- 325 7" tube permits mounting lamp assembly of Strobosonar 62A, 62B, 71A, 91A, and 91B to cameras not equipped with battery case. May be used with Quick-Release Clamp, Model E Clamp or Heavy Duty Mounts. Gray plastic to match Strobosonar heads ..... \$1.95

### MOUNTING TUBE, HR-39

- 326 Short 1½" tube (similar to shoe-mounting tube furnished with Strobosonar 62A, 62B, 71A, 91A, and 91B) with shoe-mounting clip and ¼-20 threaded socket. Used to attach Strobosonar heads listed on light stands, Fotoclamp, Hold-It, Universal Swivel Mount, etc. .... \$3.95

### LIGHT STAND ADAPTER

- 364 This handy accessory slips over a light stand and is locked in place with a thumb screw and provides ¼-20 mounting thread. Accepts Modeling Slave Strobosonar, 60S Slave Unit, or other equipment with a standard tripod socket ..... \$1.95

### QUICK-RELEASE BOUNCE ADAPTER

- 363 Designed to be used in conjunction with the Honeywell Quick-Release Clamp described above, this accessory fastens to a tripod or light stand and permits a Strobosonar with a 1½" handle or mounting tube to be rotated through a full 360° for bounce lighting ..... \$4.95



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## SHUTTER CORDS

**NOTE:** —1 indicates 1 foot length, —3 indicates 3 foot length.  
Cords are available only in lengths specified below.

Because of the precision manufacture of Honeywell cords from the finest available material, these cords are unconditionally guaranteed against defective material and workmanship. They are built with a tough, moulded, male plug and a strain relief. There is no finer shutter cord available.

### CORD ADAPTERS

Adapter tips for combination cords 412, 413 and 442.

Cat. No.

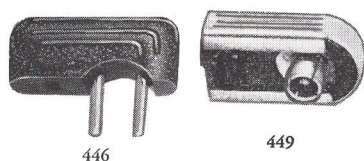
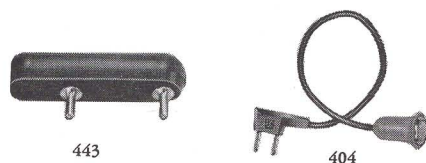
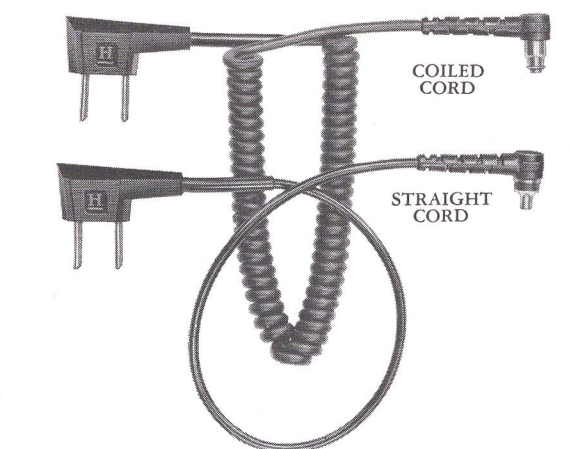
451	ASA Bayonet Tip Adapter (58)	\$ .75
453	PC Tip Adapter (62)	.75
460	Hot shoe to PC adapters	1.75
414	Rollei Locking Adapter for use with 58/62 Cord	.75
415	Leica M-3 Adapter for use with 58/62 Cord	.75
417	Locking Shoe Contact Adapter for use with 58/62 Cord, fits Argus C-4, 44, Graflex 35, Realist, Revere Stereo, TDC Stereo, etc.	1.75
450	Nikon Adapter, for use with 58/62 Cord, fits all current Nikon models	.75
462	Dual PC for using two flash heads simultaneously. Recommended for use with Honeywell equipment only.	1.95

### STRAIGHT CORDS

404	53-1 Standard to Manual Tripping Cord	\$ 7.95
412	58/62-1 Standard to A.S.A. bayonet or P.C.	2.95
413	58/62-3 Standard to A.S.A. bayonet or P.C.	2.95
421	62-1 Standard to P.C.	2.95
422	62-3 Standard to P.C.	2.95
423	62R-1 Standard to Rollei Locking	2.95
435	U.S.E. Universal Shutter Extension Cord, 10', with male standard to female standard connectors	4.95
457	62R-62R-1 Rollei Locking to Rollei Locking	2.95
472	62R-62-1 Rollei Locking to P.C. Locking	2.95
473	62-62-1 PC to PC for 312/332	2.95

### COILED CORDS

436	52K-3 Standard to Honeywell Solenoid	\$ 4.95
440	57K-3 Standard to A.S.A. Double Post	4.95
441	58K-3 Standard to A.S.A. Bayonet	4.95
442	58/62K-3 Standard to A.S.A. Bayonet or P.C.	4.95
443	61K-3 Standard to Kine Exakta (old style)	4.95
444	62K-3 Standard to P.C.	4.95
445	62RK-3 Standard to Rollei Locking	4.95
446	72K-3 Standard to Graflex Solenoid	4.95
448	73K-3 Standard to Leica M3	4.95
449	74K-3 Standard to Leica IIIIf & g	4.95
456	62R-62K-3 Rollei Locking to P.C.	4.95
458	62R-62RK-3 Rollei Locking to Rollei Locking	4.95
459	62R-74K-3 Rollei Locking to Leica M	4.95
353	Power Cord for 65D, 72A and Similar	9.95
454	Power Cord for 800 and 880	9.95





# HONEYWELL PHOTOGRAPHIC PRODUCTS

## STROBONAR GADGET BAGS



4306



4305



4304

Roomy soft cases are handsomely made of soft vinyl leatherette with strong aluminum zippers. The 4306 case is designed for "handle" type Strobonars in the 700 and 800 series. Has two separate compartments — one for the Strobonar and the other for either a Pentax or similar camera with standard bracket or a wallbox, AC cord and spare battery tray.

Cat. No. 4306 Strobonar 700/800 Cases ..... **\$14.95**

Cat. No. 4305 Strobonar 312/332 Cases ..... **\$ 4.95**

Cat. No. 4304 Strobonar 300 Case ..... **\$ 4.95**

## STROBONAR ACCESSORY CHART

	Strob 300	Strob 312	Auto/Strob 332	Strob 700	Auto/Strob 770	Strob 65D	Strob 800	Auto/Strob 880
Accessory Lens Kit		#4301 \$5.95	#4301 \$5.95	#167 \$7.95	#167 \$7.95		#167 \$7.95	#167 \$7.95
Variable Range Lens Kit					#4302 \$8.95			#4302 \$8.95
Spare Battery and Tray Assy.				#546 \$16.95	#545 \$16.95			
Spare High Voltage Battery						#506	#506	#506
Spare Power Cord						#353 \$9.95	#454 \$9.95	#454 \$9.95
STRAIGHT SHUTTER CORDS								
1'—PC Tip	#472 \$2.95	#473 \$2.95	#473 \$2.95	#421 \$2.95	#421 \$2.95	#421 \$2.95	#421 \$2.95	#421 \$2.95
1'—Combination, PC, ASA		*#451(tip) 75¢	#451(tip) 75¢	#412 \$2.95	#412 \$2.95	#412 \$2.95	#412 \$2.95	#412 \$2.95
1'—Rollei Locking	#457 \$2.95	*#414(tip) 75¢	#414(tip) 75¢	#423 \$2.95	#423 \$2.95	#423 \$2.95	#423 \$2.95	#423 \$2.95
1'—Leica M-3 Type		*#415(tip) 75¢	#415(tip) 75¢					
3'—PC Tip				#422 \$2.95	#422 \$2.95	#422 \$2.95	#422 \$2.95	#422 \$2.95
3'—Combination PC, ASA				#413 \$2.95	#413 \$2.95	#413 \$2.95	#413 \$2.95	#413 \$2.95
COILED CORDS								
PC Tip	#456 \$4.95			#444 \$4.95	#444 \$4.95	#444 \$4.95	#444 \$4.95	#444 \$4.95
Combination PC, ASA				#442 \$4.95	#442 \$4.95	#442 \$4.95	#442 \$4.95	#442 \$4.95
Rollei Locking	#458 \$4.95			#445 \$4.95	#445 \$4.95	#445 \$4.95	#445 \$4.95	#445 \$4.95
Leica M-3 Type	#459 \$4.95			#448 \$4.95	#448 \$4.95	#448 \$4.95	#448 \$4.95	#448 \$4.95

\*The 312 and 332 have a cord with a removable PC tip. To convert to Rollei locking, ASA bayonet, Leica M-3 type or Nikon the appropriate tip adapters replace the PC tip.

# **HONEYWELL PHOTOGRAPHIC PRODUCTS**

## **HONEYWELL ELMO**



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## Honeywell Elmo Super 104 and Super 106 Movie Cameras



SUPER 104 (left) and 106 (right) WITH ACCESSORY PISTOL GRIP MECHANICALLY LINKED TO SHUTTER.

**THE SUPER 104** — is the quietest Super 8 camera under \$200 with the features and performance ordinarily found only in higher-priced Super 8 equipment. At \$176.50, just look at what the 104 has to offer:

1. Accepts all standard Super 8 film cartridges available, for simple load, aim, shoot moviemaking.
2. Automatic adjustment to proper film ASA rating simply by inserting film cartridge.
3. Fine Honeywell Elmo optics with a crisp 4:1 (8.5mm to 34mm) f/1.8 power zoom lens. The zoom can also be operated manually.
4. Pushbutton electric long-run film drive — 18 & 24 fps. Also single-frame operation for special effects.
5. Automatic through-the-lens (TTL) exposure system.
6. Closed loop electrical system gives lifetime service on the meter battery.
7. Bright single-lens reflex viewfinder with a micro-split image focusing system.
8. Battery-tester indicator built into the viewfinder, gives immediate, positive check of batteries operating film drive and zoom lens.
9. Built-in filter for using Super 8 Type A film outdoors.
10. Other convenience features include — aperture scale, and end-of-film and over/underexposure indicators — all in the viewfinder — plus a film transport indicator, footage counter, remote control receptacle and adjustable eyepiece.

**THE SUPER 106** is a superbly crafted camera with all the features of the Super 104, but with a sharp 6.25:1 (8mm to 50mm) f/1.8 power zoom lens! It's the most compact and quietest camera on the market with a zoom lens of this range.

### SPECIAL HONEYWELL ELMO MOVIE CAMERA OUTFITS



### SUPER 104 MOVIE CAMERA AND ACCESSORIES

Cat. No.

9000	Super 104 (chrome) w/movie light bracket .....	\$176.50
9013	Super 104 (black) w/movie light bracket .....	176.50
9003	Grip .....	7.95
9006	Remote control .....	4.50
9007	Shoulder strap .....	2.50
9008	Fader .....	34.95
9001	Hard leather case for camera with grip .....	11.95
9002	Soft leather case .....	18.50
9061	Hard leather case .....	18.50
946	Soft leather case (2 compartments) Grip must be removed from camera. ....	19.50
9004	Single movie light bracket .....	1.95
9010	Tele-Zoom converter, extends camera's 8.5-34mm zoom lens range to 13.75-54mm .....	99.50
948	Lens hood .....	3.50
943	UV filter .....	6.50
938	ND 4x filter .....	6.50
941	Close-up lens No. 1 (5.9' to 2.36') .....	8.50
942	Close-up lens No. 2 (2.6' to 1.77') .....	8.50

### SUPER 106 MOVIE CAMERA AND ACCESSORIES

Cat. No.

9060	Super 106 (chrome) w/movie light bracket .....	\$249.50
9062	Super 106 (black) w/movie light bracket .....	249.50

**Note** — All of the above-listed accessories for the Super 104 are also compatible with the Super 106 except for the *lens-mounted accessories*. Because of its larger lens, the Super 106 requires the following:

9054	Fader .....	39.50
9059	Lens hood .....	3.95
9058	UV filter .....	7.95
9057	ND 4x filter .....	7.95
9056	Close-up lens No. 1 .....	8.50
9055	Close-up lens No. 2 .....	8.50

#### THE SUPER 104 OUTFITS

Cat. No.

9016	Super 104 (chrome model) w/grip, softcase, shoulder strap, bracket, lens hood .....	\$199.50
9017	Super 104 (black model) w/grip, softcase, shoulder strap, bracket, lens hood .....	\$199.95

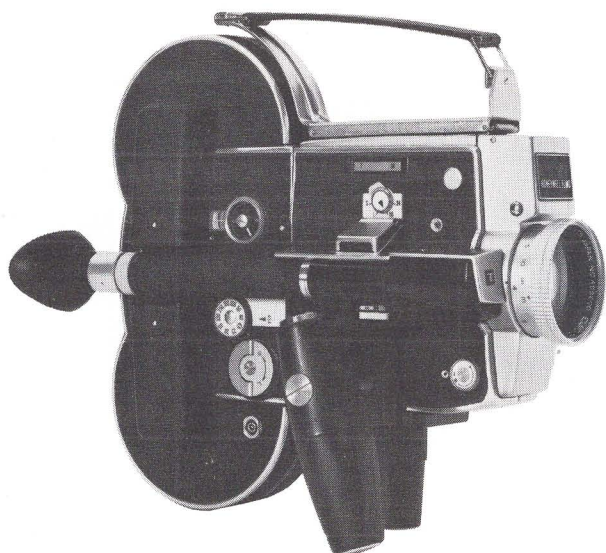
#### THE SUPER 106 OUTFITS

9018	Super 106 (chrome model) w/grip, softcase, shoulder strap, bracket, lens hood .....	\$269.95
9019	Super 106 (black model) w/grip, softcase shoulder strap, bracket, lens hood .....	\$269.95



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## Honeywell Elmo Tri-Filmatic Super 100



### IDEAL FOR PROFESSIONAL AND ADVANCED AMATEUR USES

**Sports Filming** — Flicker-free, low cost, slow motion is yours with the Super 100 camera and companion slow motion projector. Film at 24 fps, project at 6 fps, and the smooth 4 to 1 slow motion will mean game analysis takes on a new value. All this at one-third the cost of 16mm filming.

One film load covers the action in the typical football game half — reload at half time. Students, teachers or coaching assistants easily turn out professional footage with the automatic exposure system and all electric drive which eliminates cords and winding.

A wide field of action is covered by the zoom lens and it moves in quickly where closeups are desired. The tele converter allows shooting from a greater distance and the optional sports finder makes viewing and shooting even easier.

**Medical/Scientific Photography** — Accurate procedure demonstrations and precise recordings can be unobtrusively handled by the automatic and silent running Super 100. The long run filming capabilities are especially appropriate in the operating room and laboratory. The films in color or black and white may be easily projected to small or large groups with sharp, detailed results at only 30% the cost of 16mm film.

**Educational Uses** — For the classroom, the Super 100 is a tool for making educational single concept films tailored to the school's needs.

For cinemaphotography courses, the Super 100 serves as a rugged, quiet and economical learning unit. The automatic exposure system and long film run lets students concentrate on composition and technique. If you prefer, the manual aperture override can be used for teaching lighting and exposure techniques.

**Industrial and Advanced Amateur Applications** — Simple and exact exposures, lengthy filming without reloading, sharp images, battery power, electric and manual zoom, speed and film choices make the Super 100 a logical choice for a broad range of applications.

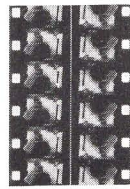
## THE SUPER 8 SYSTEM CAMERA

### *Many Exclusive Features*

- 100' Double Super 8 film back
- Up to 13 minutes, 20 seconds filming without reloading
- Optional Super 8, Regular 8 and Single 8 film magazines
- Telephoto and close-up lens adapters
- Fast f/1.8 lens with sharp 9-36mm power zoom
- Automatic exposure with CdS through the lens metering
- Manual aperture override
- Pressure plate at the film plane
- Total electric drive
- Single frame, 18 to 24 fps filming speeds
- Power choice including remote battery pack
- Automatic footage counter and frame counter which can be reset during filming
- Forward or reverse operation, for lap dissolves, double exposures and other special effects
- Fader attachment rounds out special effects capabilities

Complete camera with 100' Double Super 8 film magazine  
Cat. No. 997 ..... **\$449.50**

16mm



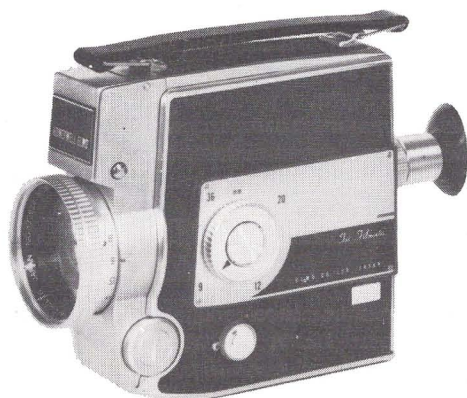
Double Super 8 is standard 16mm stock with Super 8 perforations on each side. After shooting the first 100 feet, the magazine is turned over for the second 100 feet of film. Rethreading is not necessary. Available film emulsions include Kodachrome II (Daylight or Type A), Plus X and Tri X.

Side One
Side Two



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## Honeywell Elmo Magazines and Accessories



Cat. No. 939  
50' Regular 8  
Film Magazine  
ASA 10, 20, 25, A, 40,  
50, 100, 250, 320, 400

Cat. No. 983  
50' Super 8  
Film Magazine  
ASA 16, 25, 40, 64  
(160 with modification)

Cat. No. 940  
Single 8  
Film Magazine  
ASA 16, 25, 50, 200, 400

### COMPLETE FILM FORMAT CHOICE

Cat. No.

997	Camera with 100' Double Super 8 Film Magazine .....	\$449.50
939	Regular 8 Film Magazine .....	54.50
940	Single 8 Film Magazine .....	44.50
983	Super 8 Film Magazine .....	44.50
998	100' Double Super 8 Film Magazine with long viewfinder and carrying strap .....	189.50
9021	100' Double Super 8 Film Magazine only .....	169.50

### LENS ACCESSORIES

Cat. No.

9010	Tele Zoom Converter .....	\$ 99.50
938	Neutral Density 4X Filter .....	6.50
941	Closeup Lens (5.9' to 2.36') .....	8.50
942	Closeup Lens (2.6' to 1.77') .....	8.50
943	UV Filter .....	6.50
944	Fader Attachment .....	36.50
984	Type A Filter .....	6.50
948	Lens Hood .....	3.50

Cat. No. 9021 100' Double  
Super 8 Film Magazine  
ASA 16, 25, A, 40, 64, 80,  
125, 160, 200, 400



Cat. No. 9010



Cat. No. 941 or 942

### POWER SUPPLY

(Meter battery furnished with camera) 8 AA Alkaline batteries provide over 1000 feet (one hour) of filming. 8 C Alkaline batteries with power pack shown below provide over 4000 feet (four hours) of filming.

Cat. No.

995	Power Pack, less batteries .....	\$ 24.50
535	PX-25 Meter Battery .....	2.25



Cat. No. 944



Cat. No. 995

### OTHER ACCESSORIES

Cat. No.

999	Black Leather Carrying Case .....	\$ 44.50
9009	Attache Case .....	34.50
9011	Sports View Finder .....	24.50
945	Remote Connector .....	4.50
946	Soft Leather Case for camera with 50' magazine ..	19.50
947	Hard Leather Case for camera with 50' magazine ..	24.50
979	Movie Light Bracket .....	2.95
989	Adjustable Handgrip .....	12.50



Cat. No. 9011



Cat. No. 999



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## Honeywell Elmo Dual-8 Movie Projectors —for both Super 8 and Regular 8mm Films



HONEYWELL ELMO DUAL-8 MOVIE  
PROJECTOR 360/380 — FOUR MODELS

Honeywell Elmo Dual-8 Movie Projectors offer complete compatibility with the two major 8mm film formats. Unique selective push-button sprockets allow perfect projection of either Super 8/Single 8 or Regular 8mm films. Simply push in the appropriate shaft and the sprockets shift to the proper format.

The precision pull-down claw and film transport gate are designed for either format and cannot damage irreplaceable film. There are no extra parts to add or remove when converting from one film format to the other. Merely shift sprockets; on the 360 and 380 models the sprockets are properly positioned with a flick of a lever.

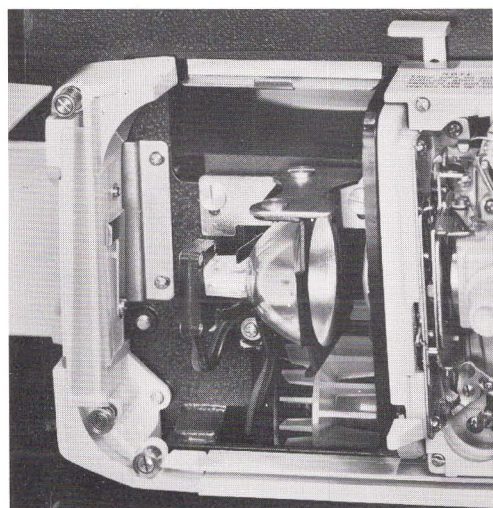
In addition to format compatibility, all models share six basic features previously scattered through many 8mm movie projector lines.

For example:

- **REEL-TO-REEL AUTOMATIC THREADING** — Features exclusive 400 foot capacity Dual-8 Auto Reel that accepts Super 8/Single 8 and Regular 8mm — automatically.
- **FORWARD, REVERSE & STILL CONTROLS** — Allows the user to project forward, reverse or stop for bright stills.
- **VARIABLE SPEED CONTROL** — Allows the user to vary the projection speed from very slow to fast and to adjust for smooth, flicker-free viewing. This control is not restricted to a specific frames-per-second speed. It allows the user to select any speed he wants between 12 and 24 fps; between 14 and 24 in models 360 and 380.
- **AUTOMATIC LAMP SWITCH** — When the lamp switch is set in the ON position, the projection lamp will automatically turn on when the film reaches the take-up reel.
- **COMBINED LOOP SET & AUTO THREAD LEVER** — One double lever positions the idler arm system for automatic threading and resets the loop when needed.
- **FILM FORMAT INDICATOR** — Indicates that the right sprockets are in position for the film format being shown. ("S" for Super 8/Single 8, and "R" for Regular 8mm).

### DUAL-8 360 and 380 PROJECTORS-FOUR MODELS

The 360 and 380 models have all features listed in the preceding paragraphs, plus a super-bright quartz bromine lamp, swingout lens for easy access to film gate, pilot lamp for simplified loading and an illuminated operating panel. Film format is changed in a simple one-step operation by merely sliding an external lever. The 360 and 380 have a new, improved forward and reverse control to simplify operation — just flip the knob to change direction. All models also have a combined speed and lamp switch. The 360/380 series feature completely new lens designs and smart, horizontal styling. The 380 also has slow motion. The projector is 11" high, 10" long, 8" wide and weighs 16½ pounds. Has 12-foot power cord. Operates on 115-120 volts AC 60-cycle current.

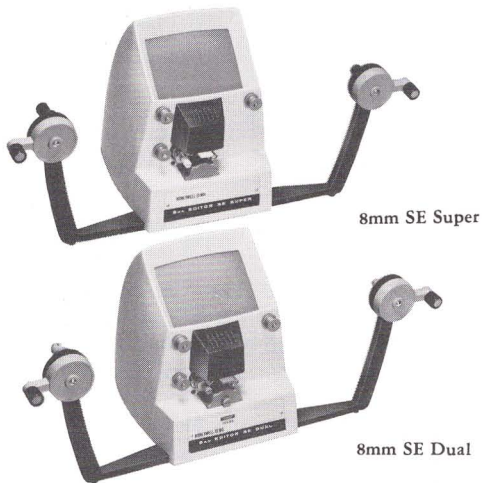


QUARTZ-BROMINE LAMP — LASTS  
TWO AND A HALF TIMES LONGER  
THAN ORDINARY LAMPS.

- Cat. No. 9076 — Dual-8 projector equipped with 18mm f/1.3 swingout lens, quartz bromine lamp, film threading light ..... **\$209.50**
- Cat. No. 9077 — Dual-8 projector equipped with 15 to 25mm f/1.3 swingout zoom lens, quartz bromine lamp, film threading light ..... **\$229.50**
- Cat. No. 9078 — Dual-8 projector equipped with 18mm f/1.3 swingout lens, quartz bromine lamp, slow motion, film threading light ..... **\$229.50**
- Cat. No. 9079 — Dual-8 projector equipped with 15 to 25mm f/1.3 swingout zoom lens, quartz bromine lamp, slow motion, film threading light, room light socket ..... **\$249.50**



# HONEYWELL PHOTOGRAPHIC PRODUCTS



## Honeywell Elmo 8mm Film Editors

Honeywell Elmo film editors permit the production of smooth-flowing, professional appearing movies. These easy-to-operate film editors feature bright, large viewing screens, high-speed gear rewind system, large 400-foot reel film capacity, frame-by-frame projection, folding reel arms, and film notcher to indicate locations for splicing.

- |   |                |
|---|----------------|
| Cat. No. 9030 — SE Super Editor, for Super 8 and Single 8 film.<br>Has fixed focus and splicer .....  | <b>\$44.50</b> |
| Cat. No. 9031 — SE Dual Editor, for Regular 8, Single 8 and Super 8 film.<br>Features adjustable focus. Includes splicer and<br>splicing tape. .... | <b>\$49.50</b> |
| Cat. No. 9029 — 6-volt, 10-watt replacement lamp. ....  | <b>\$ .20</b>  |

**HONEYWELL PHOTOGRAPHIC PRODUCTS**

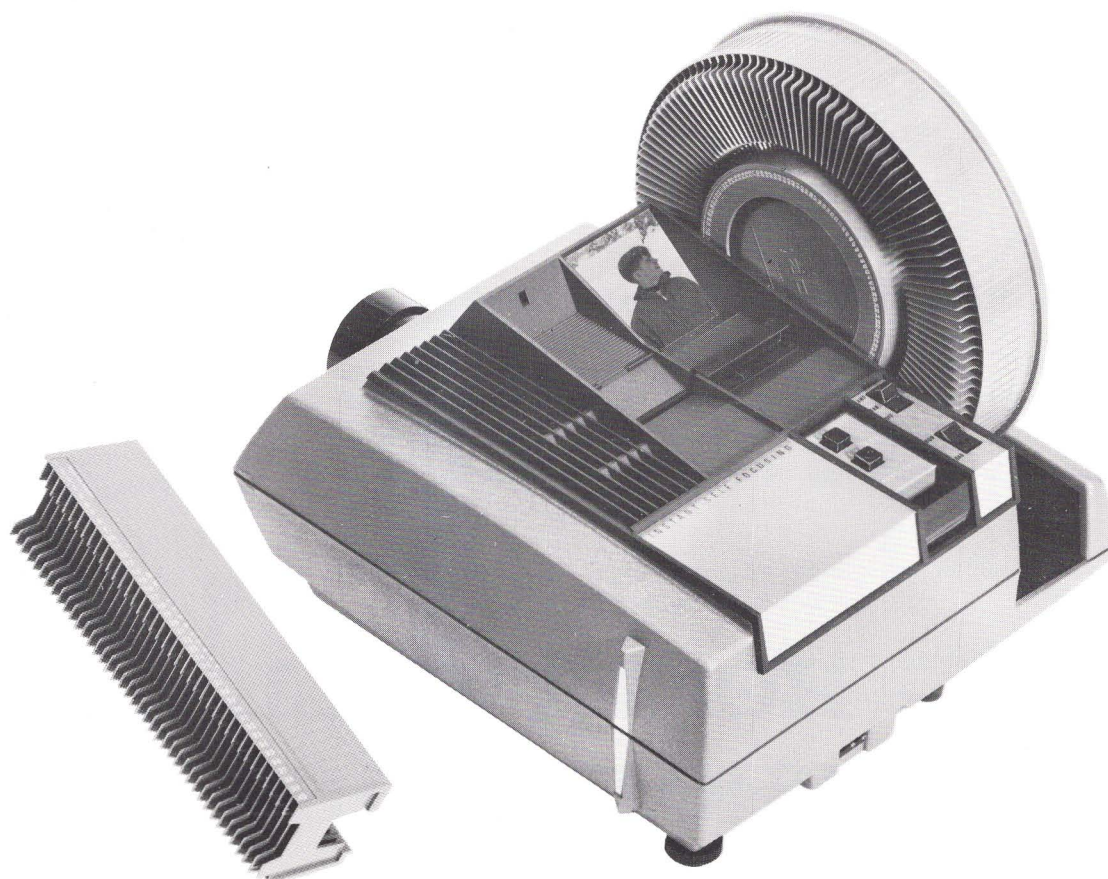
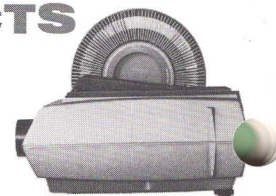
**HONEYWELL  
PROJECTORS**





# HONEYWELL PHOTOGRAPHIC PRODUCTS

## PREVIEW SERIES SLIDE PROJECTORS



### **The Only Automatic Projectors Featuring Instant Self Focus, a Built-In Preview Screen and Maximum Slide Handling Flexibility.**

The Honeywell Preview Series combine all three of the most asked for features in one projector. The preview screen is an important aid to creating smooth slide presentations. This feature and the round tray, straight tray or stack loader capability plus the instant self-focus feature makes the Preview Series unique.

**PREVIEW SCREEN/EDITOR:** This small screen on the console shows the operator the next slide to be projected. It can also be used to edit slides without projecting them when appropriate. When projecting, the operator can correct reversed, backward and upside down slides before projecting them, plan brief comments for the upcoming slide and switch or remove slides already in the tray if necessary.

**INSTANT SELF FOCUS:** Only Preview projectors have second generation instant self focusing, refined by Honeywell; the inventors of automatic focusing systems. After the first slide has been focused manually, every following slide will be in exact focus. When a slide buckles or pops during projection, the lens automatically and instantly follows the movement to keep the slide sharply focused.

**SLIDE HANDLING FLEXIBILITY:** The Previewer accepts round or straight trays including the new Honeywell high capacity 120 slide round tray, Sawyer's Rototray, a new precision tolerance Honeywell 40 capacity straight tray, other straight trays and an accessory stack loader.

**AUTOMATIC OPERATION:** Push buttons on the control panel give forward and reverse operation.

**EXCLUSIVE PUSH-PULL SLIDE CHANGER:** There are no protruding changing arms. If a warped slide is loaded in the Previewer, the pulling arm will not take it into the aperture.

**RIGID, LIGHTWEIGHT CABINET CONSTRUCTION:** Impact and scratch resistant glass fiber-filled cabinet maintains its strength and absorbs less heat or cold over a wider temperature range than metal. This rigid material insures quiet operation and durability.

**TILT CONTROL:** A simple corner adjustment levels the Previewer on any surface.

**FULL REMOTE CONTROL:** The forward and reverse control box is removable from the projector. A ten foot remote control cord connects the control box to the projector.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## PREVIEW SERIES SLIDE PROJECTORS

### 600

The 600 Projector is the economy model in the Preview Series with the two most wanted features in projectors today—automatic focusing and the preview screen. An accessory 10' remote control cord and storage bag for the 600 are listed on page 3.

Cat. No. 6604	Model 600 with 4" f/3.5 lens .....	\$ 89.50
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### 620

The 620 Preview Projector has all the features of the 610 plus instant self focus and a lamp ejector.

Cat. No. 6623	Model 620 with 3" f/3.5 lens .....	\$129.50
Cat. No. 6624	Model 620 with 4" f/3.5 lens .....	\$129.50
Cat. No. 6625	Model 620 with 5" f/3.5 lens .....	\$129.50
Cat. No. 6620	Model 620 without lens .....	\$117.00



### 630

The 630 Preview Projector has all the features of the 620 plus a built-in timer and preview screen brightness control. The timer makes "hands off" projection possible and can be set for individual slide viewing times between about 5 and 30 seconds. The degree of illumination on the preview screen can be easily adjusted. A push button provides quick elevation adjustment and the knurled knob provides fine adjustment.

Cat. No. 6633	Model 630 with 3" f/3.5 lens .....	\$144.50
Cat. No. 6634	Model 630 with 4" f/3.5 lens .....	\$144.50
Cat. No. 6635	Model 630 with 5" f/3.5 lens .....	\$144.50
Cat. No. 6630	Model 630 without lens .....	\$132.00



### 640

The 640 Preview Projector has all the features of the 630 plus a quartz halogen lamp, automatic cord reel and a room lamp socket. The 500 watt quartz halogen lamp gives consistent color and brilliance throughout its life and lasts twice as long as ordinary bulbs. The room lamp socket automatically turns off the room lights when the projector is turned on, then turns the room lights back on each time the projector is turned off. The cord reel winds the AC cord back into the cabinet automatically. Comes standard with the rigid control panel cover.

Cat. No. 6643	Model 640 with 3" f/3.5 lens .....	\$169.50
Cat. No. 6644	Model 640 with 4" f/3.5 lens .....	\$169.50
Cat. No. 6645	Model 640 with 5" f/3.5 lens .....	\$169.50
Cat. No. 6640	Model 640 without lens .....	\$157.00





# HONEYWELL PHOTOGRAPHIC PRODUCTS

## PREVIEW SLIDE PROJECTOR ACCESSORIES



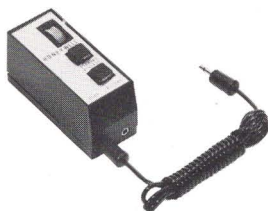
3" f/3.5 LENS



4" f/3.5 LENS



5" f/3.5 LENS



TAPE SYNCHRONIZER



3"-5" f/3.5 ZOOM LENS



120 SLIDE NON-SPILL TRAY



40 SLIDE NON-SPILL TRAY

RIGID CONTROL  
PANEL COVER

### Accessory Lenses

Cat. No.		
6658	3" f/3.5 lens .....	\$12.50
6659	4" f/3.5 lens .....	\$12.50
6647	5" f/3.5 lens .....	\$12.50
6669	3"-5" f/3.5 zoom lens .....	\$42.50

### Slide Trays

6652	One 120 slide round tray .....	\$ 2.95
6653	Box of four 40 slide straight trays .....	\$ 6.00*

\*Minimum order one box of four trays — single trays may be ordered from our service department as Part No. 73,000,630.

### Deluxe Vinyl Dust Cover

6670	High quality black vinyl dust cover is thickly padded. Fits all Preview Projector models .....	\$ 9.95
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### Hard Carrying Case

6672	Handsome black vinyl case gives maximum protection, portability to all Preview Projectors. Holds projector with rigid control panel cover .....	\$14.95
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### Accessory Slide Tray Carrying Case

6671	Solid, rich looking black vinyl case holds four accessory round trays. Gives maximum storage protection, portability for extra slide trays .....	\$11.95
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### Rigid Control Panel Cover

6657	Matching control panel cover protects controls in travel or storage and keeps out dust; with snap release — fits all models. Standard on Model 640 .....	\$ 5.00
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### Tape Synchronizer

6663	Plugs directly into remote control socket to provide synchronization signal to synchronize tape recorder with slide projector. (Price & availability to be announced)	
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### Tape Sync Cord

6651	Provides an easy method of "patching" or connecting most brands of synchronizing tape recorders or separate synchronizing devices to Honeywell Preview Series slide projectors. Does not provide sync signal itself. ....	\$ 3.95
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### 25' Remote Control Cord

6650	For operating the projector from extra long distances .....	\$ 6.00
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### 10' Remote Control Cord

6656	Can be connected to the end of the 1st 10' cord for a 20' operating distance .....	\$ 3.50
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### 10' Remote Control Cord and Storage Bag

6675	Gives remote operation to Model 600. Cord comes in handsome black leatherette bag that fits in the tray channel for storing .....	\$ 5.50
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\*Minimum order one box of four remote cords, bags.

### DAK Replacement Lamp

6660	25 hour 500 W, 117 Volt incandescent .....	\$ 5.65
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### EGH Replacement Lamp

6661	50 hour 150W, 21 Volt quartz halogen .....	\$10.50
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### Stack Loader

6655	Attaches directly to projector and allows user to view slides not in trays. (Price & availability to be announced)	
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# **HONEYWELL PHOTOGRAPHIC PRODUCTS**

**HONEYWELL  
NIKOR**



**HONEYWELL PHOTOGRAPHIC PRODUCTS****HONEYWELL NIKOR****11" x 14" Enlarging Easel****Fast Handling • Precise Operation • Quality Construction**

All the desirable features have been included in the Honeywell Nikor Enlarging Easel. It accepts all paper sizes, from 2" x 3" to 11" x 14", and adjusts from 2" x 2" to 11" x 14" for universal picture size. The paper remains centered on the baseboard, regardless of size, allowing the easel to remain centered under the enlarger. The anodized frame is variably positioned by a spring-loaded frame support. More versatility is achieved with independently variable borders to allow artistic cropping on the baseboard. The non-skid, safe-yellow baseboard eliminates emulsion fogging reflections. Four stainless steel teflon-coated bands are positively positioned by spring-loaded, gear-driven knobs that prevent the bands from being bumped out of position. Standard auto-focus height base; easy-to-read position indicators; two-way, right or left side, paper alignment; and heavy duty all metal construction make the Easel another of Nikor's quality products.

Cat. No. 3150 11" x 14" Enlarging Easel ..... **\$64.50**



**HONEYWELL PHOTOGRAPHIC PRODUCTS****HONEYWELL NIKOR****Rocking Print Tray****Economical • Easy to Use • Expertly Constructed**

The Rocking Print Tray gives quality color prints economically and conveniently, and can be used for black and white printing. To use the tray, rapidly pour a small amount of developer over a sheet of exposed paper laid emulsion side up in the tray. Rock the tray gently back and forth for smooth, even development. Temperature control is achieved by placing the tray in a sink or pan of water of the correct temperature. Pour off the developer and repeat the procedure for each processing step. Holes in alternate corners of the tray give quick, easy draining. When finished, lift the print out with one of the lift tabs in each corner of the tray. The tabs make it easy to grasp the print — and fingers need never touch the print until it's dry. Nikor's expertise in manufacturing stainless steel products is evident in the Rocking Print Tray. Made of 316 stainless steel, the tray has spot welded seams smoothed with solder for easy, thorough cleaning to prevent corrosion. Lifetime warranty.

Cat. No. 3139 Rocking Print Tray for 8" x 10" Prints ..... **\$17.50**

Cat. No. 3140 Rocking Print Tray for 11" x 14" Prints ..... **\$37.50**

Cat. No. 3141 Rocking Print Tray for 16" x 20" Prints ..... **\$59.50**

**HONEYWELL NIKOR****35mm Cassette Opener****Handy • Sturdily Built**

The Honeywell Nikor Cassette Opener is a unique product in our growing line of quality dark-room equipment. The Opener is designed to quickly pop open both the reusable and staked-end type of 35mm cassettes. Made of sturdy metal and has an easy spring action. The Openers are packaged in units of six in a bright, compact counter merchandiser that sets up in a second.

Cat. No. 3137 Cassette Opener

Six Pack ..... **\$ 7.50**

**\$ 1.25 each**



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR Developing Outfits

**Stainless Steel • Quick-Fill • Lifetime Warranty**

For beginner, advanced amateur or pro, Honeywell Nikor Developing Outfits are the finest film developing equipment in the world.

All Honeywell Nikor developing outfits carry an exclusive warranty for the *lifetime of the original purchaser*, not a normal product-lifetime warranty.

Along with the exclusive warranty, Honeywell Nikor developing outfits offer these other exclusive features: Under normal use they are indestructable. The tanks are drawn from special custom-made stainless steel alloys. The tank finish is super hardened and then hand polished to permit easy cleaning. Proper care and cleaning procedures are described on page 14, "General Information." All of the tank caps are the quick-fill type, with permanently blackened double-trap light-baffles.

A special spring clip on the reel holds film end firmly for easy loading. The reels have extremely precise spot welded joints with absolutely no burrs to scratch or damage the film, and they can be stacked for easy storage.

### Cat. No.

3000 Honeywell Nikor 35mm Single Outfit

**\$10.90**

One—Q08 Small Format Tank

One—35mm/36x Reel

3001 Honeywell Nikor 35mm Double Outfit

**19.85**

One—Q15 Medium Format Tank

Two—35mm/36x Reels

3002 Honeywell Nikor 120/620 Single Outfit

**14.90**

One—Q15 Medium Format Tank

One—120/620 Reel

3003 Honeywell Nikor 220 Double Outfit

**31.85**

One—Q50 Extra Film Length Tank

Two—220 Reels

Note: Q08, Q15, Q50, etc. indicate: Q—Quick Fill, and tank capacity, in ounces.



35mm SINGLE OUTFIT (Cat. No. 3000)



35mm DOUBLE OUTFIT (Cat. No. 3001)



120/620 SINGLE OUTFIT (Cat. No. 3002)



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

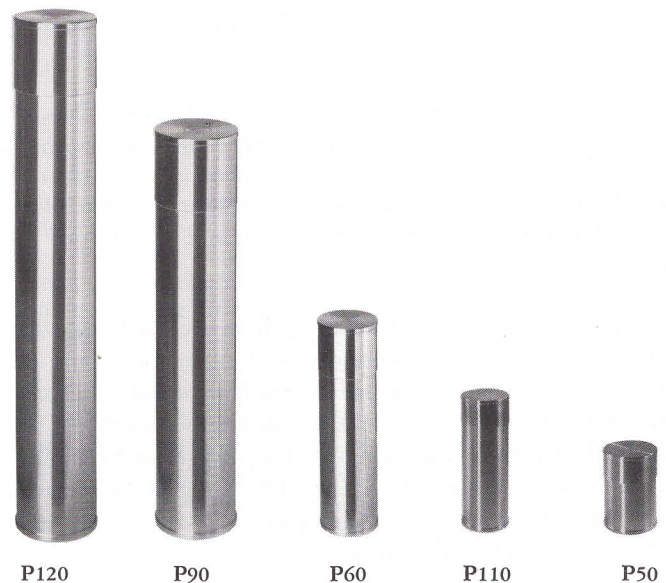
### Developing Tanks

- **Rapid Quick-Fill or Plain**
- **Stainless Steel**
- **Lifetime Warranty**

Honeywell Nikor Tanks are constructed of special stainless steel alloys specifically made to adjust rapidly to and maintain critical color developing temperatures. These stainless steel tanks also resist the chemical attack of developing fluids. Each tank is super-hardened and the finish is hand polished to stay clean and good looking for a lifetime. Its hard finish cannot trap minute particles of chemical residue which can build up and react later. Thus, a Honeywell Nikor tank is the best insurance against processing contamination because it can be thoroughly *cleaned*. Proper care and cleaning procedures are described on page 14, "General Information."

Special attention should be focused on the new, Quick-Fill cover supplied with every Honeywell Nikor Quick-Fill tank. The Quick-Fill feature is exclusive and offers the fastest filling in the world — as liquid is poured in, air comes out. A Q15 tank can be filled in 6 seconds! The Quick-Fill cover features a permanently-black, double light trap which keeps air and liquid separate, allowing air bubbles to escape immediately.

Developing tanks and covers carry an *exclusive lifetime-of-the-original-purchaser warranty, as do the reels* — not a normal lifetime-of-the-product offer.



### QUICK-FILL

Cat. No.

3020	Q08 Small Format Tank .....	<b>\$ 5.95</b>
3021	Q15 Medium Format Tank .....	<b>9.95</b>
3022	Q18 Miniature Cut Film Tank .....	<b>11.95</b>
3024	Q30 Multiple Standard Tank .....	<b>14.95</b>
3026	Q60 Multiple 12½" Tank .....	<b>19.95</b>
3027	Q90 Multiple 17" Tank .....	<b>24.95</b>
3028	Q120 Multiple 22" Tank .....	<b>32.95</b>
*3023	Q25 Extra Film Length Tank .....	<b>17.95</b>
*3025	Q50 Extra Film Length Tank .....	<b>19.95</b>

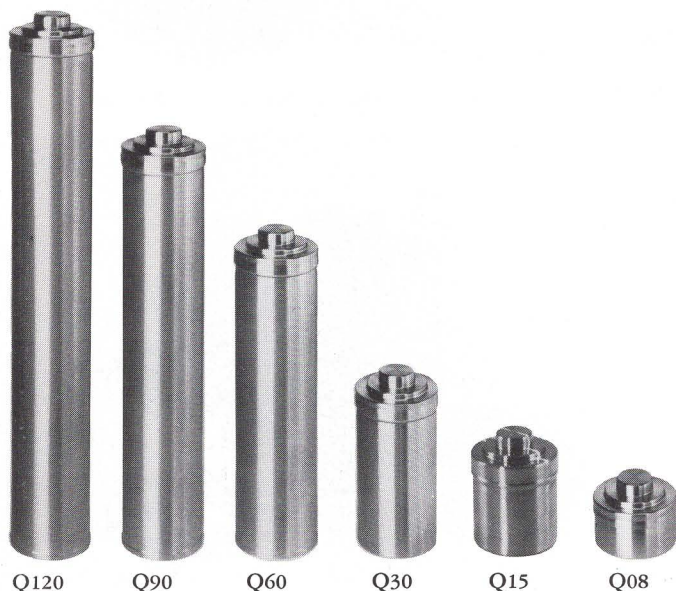
Note: Q08, Q15, Q18 indicate: Q—Quick-Fill and tank capacity, in ounces.

### PLAIN

3052	P60 Multiple 12½" Tank .....	<b>14.95</b>
3053	P90 Multiple 17" Tank .....	<b>16.95</b>
3056	P120 Multiple 22" Tank .....	<b>19.95</b>
*3049	P50 Extra Film Length Tank .....	<b>14.95</b>
*3055	P110 Extra Film Length Tank .....	<b>18.95</b>
3051	P52 70/89mm-100 inch reel Tank. Used for 100 inch lengths of either 70mm or 89mm X-Ray film. Reels on page 5 — Cat. Nos. 3084 and 3085. ....	<b>19.95</b>

Note: P52, P60, P90, etc. indicate: P—Plain top, (not quick-fill) and tank capacity, in ounces.

\*Larger diameter (4½") tank to hold 220 and 35mm 6 foot reels.





# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR Developing Reels and Miniature Cut Film Kit

• No-Burr Precision Welded Joints • Stainless Steel

Each Honeywell Nikor reel and kit is constructed of special custom-made stainless steel alloys, as are the tanks and the plain and quick-fill covers. Perhaps the most critical construction feature is the welding on each reel and kit joint. Years of experience and experimentation has enabled Honeywell Nikor to construct a reel with an extremely high degree of precision welding. In addition, these welded joints are so strong that the reels carry the same lifetime-of-the-original-purchaser warranty as the tanks.

Because of superior reel construction, each reel will fit perfectly into any Honeywell Nikor tank of the same diameter. The tank and reel materials are similar in their coefficients of expansion so that each reel slides smoothly in and out of the tank at any ambient or tank temperature. Stainless steel construction allows the tank and reel to adjust to and maintain critical color developing temperatures very rapidly.

Honeywell Nikor offers the largest number of reels in different types and sizes. Practically every film size known is represented here — your assurance that no matter what your favorite film size, Honeywell Nikor has a reel and tank to process it easily, safely and quickly.



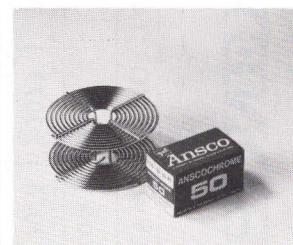
Minox (9.5mm)



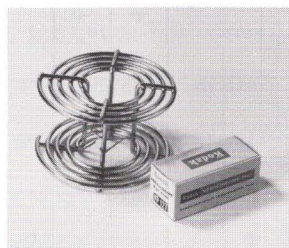
16mm



35mm-20x



35mm-36x



127



120/620



Instamatic\*

Cat. No. 3070	Minox Film Reel (use one or two reels with Q08 tank)	\$ 4.95
Cat. No. 3071	16mm 39" Film Reel (use one or two reels with Q08 tank)	4.95
Cat. No. 3072	35mm 20 exp. Film Reel	4.95
Cat. No. 3073	35mm 36 exp. Film Reel	4.95
Cat. No. 3074	35mm 6' Film Reel	5.95
Cat. No. 3075	116/616 (70mm x 40") Film Reel	4.95
Cat. No. 3077	120/620 Film Reel	4.95
Cat. No. 3078	122 Film Reel	4.95
Cat. No. 3079	126 Instamatic* Film Reel	4.95
Cat. No. 3080	127 Film Reel	4.95
Cat. No. 3081	220 Film Reel	5.95
Cat. No. 3082	Miniature Cut Film Rack (for 2 1/4 x 3 1/4 cut film, holds twelve sheets)	6.95
Cat. No. 3084	70mm 100 inch Reel	12.95
Cat. No. 3085	89mm 100 inch Reel (3 1/2" film width)	12.95

Note: Standard hand loaders are not packed with reels. To order see page 7.

Note: To determine maximum reel capacity for a given tank, refer to chart on page 6 of Honeywell Nikor Section.

\*Trademark—Eastman Kodak Co.

# HONEYWELL NIKOR

DEVELOPING TANKS

REELS AND KIT

## MAXIMUM REEL CAPACITY OF HONEYWELL NIKOR TANKS

TANK		REEL DESIGNATION AND CATALOG NUMBER													
		3070	3071	3072	3073	3074	3075	3077	3078	3079	3080	3081	3082	3084	3085
CAT. NO. ↓	TYPE AND CAPACITY (Ozs.)	9.5mm Minox	16mm	35mm-20x	35mm-36x	35mm-6'	70mm (116/616)	120/620	122	126	127	220	Min. Cut Film Rack	70mm-100"	89mm-100"
3020	Q08	2	2	1	1					1					
3021	Q15	4	3	2	2		1	1		2	1				
3022	Q18	5	4	2	2		1	1		2	1		1		
3023	*Q25					2						1			
3024	Q30	9	7	4	4		2	2	1	4	2				
3025	*Q50					3						2			
3026	Q60	18	15	8	8		4	4	2	8	6				
3027	Q90	27	22	11	11		6	6	3	11	8				
3028	Q120	36	30	14	14		8	8	4	14	10				
3049	*P50					4						2			
3051	P52													1	1
3052	P60	18	16	8	8		4	4	2	8	6				
3053	P90	27	22	11	11		6	6	3	11	8				
3055	*P110					7						4			
3056	P120	36	30	14	14		8	8	4	14	10				
3131	Std. Cage	72	54	30	30		12	18	12	30	24				
3132	Lge. Cage					10						6			

\*Tank Diameter 4 1/2"

HONEYWELL PHOTOGRAPHIC PRODUCTS

Item 20-126



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

### Parts and Accessories For Tanks and Reels

Over the years, Nikor users have, from their experience, suggested that certain parts and accessories be available, which would increase processing efficiency of the beginner, amateur and professional. Some of the parts and accessories below were developed jointly by Nikor and major film processors and photo finishers, others were designed by Nikor in their own darkroom facilities.

#### Cat. No.

*3117	35mm and 126 Hand Loader .....	\$ .88
*3118	120/220 Hand Loader .....	.88
3120	35mm Semi-Automatic Loader .....	1.95
3121	120/620 Semi-Automatic Loader .....	2.95
3119	220 Semi-Automatic Loader .....	3.95
3123	Cap, only, for Quick-Fill covers .....	.55
3136	Lift Rod, 4" (70mm/89mm 100" Tank) .....	1.00
3124	Lift Rod, 6½" (Multiple Standard Tank) .....	1.00
3125	Lift Rod (12½" Tank) .....	1.00
3126	Lift Rod (17" Tank) .....	1.00
3127	Lift Rod (22" Tank) .....	1.00
3128	Film Washing Unit (12½" Tank) .....	10.50
3129	Film Washing Unit (17" Tank) .....	10.50
3130	Film Washing Unit (22" Tank) .....	10.50
3131	Reel Carrying Cage (Std. 3¼" Diameter Reels) .....	29.95
3132	Reel Carrying Cage (Large 4½" Diameter Reels) ....	29.95

\*Note: Other hand loaders may be ordered using their Service Part Number:

Service Part No.	Film Size	
N-9189 .....	127 .....	\$ .88
N-9139 .....	70mm/116 .....	.88
N-9145 .....	118 .....	.88
N-9146 .....	122 .....	.88



120 SEMI-AUTOMATIC  
LOADER

Stainless Steel  
(Cat. No. 3121)

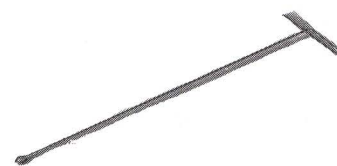
35mm  
SEMI-AUTOMATIC  
LOADER

Stainless Steel  
(Cat. No. 3120)



REPLACEMENT TANK  
COVER CAP

Fits all Quick-Fill Covers  
(Cat. No. 3123)



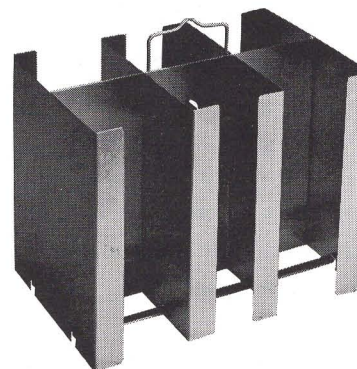
6½" LIFT ROD

Makes Tank Loading  
and Unloading easy, for  
Multiple-Reel Tanks  
(Cat. No. 3124)



12½" FILM WASHER  
UNIT

For Rapid  
Thorough  
Wash With Reels  
In Tank  
(Cat. No. 3128)



REEL  
CARRYING  
CAGE

(Cat. No. 3131)

## HONEYWELL NIKOR Film Processing Equipment

• Professional Quality • Rapid, Controlled Processing • Durability

Honeywell Nikor offers more than 80 different professional quality stainless steel tanks, reels and associated equipment for processing long lengths of film. For the advanced amateur and professional who shoots and processes long lengths or bulk film, Honeywell Nikor equipment will speed processing time and produce the desired results with maximum economy of expensive developing chemicals — particularly color developing chemicals. The tanks and reels are all precision hand welded of 316 stainless steel.

The open-reel construction permits processing solutions to flow freely to achieve uniform development and later, to

permit complete flashing of color or black and white reversal films. Once the reel is loaded, the film stays in the reel until it is dry and ready for viewing.

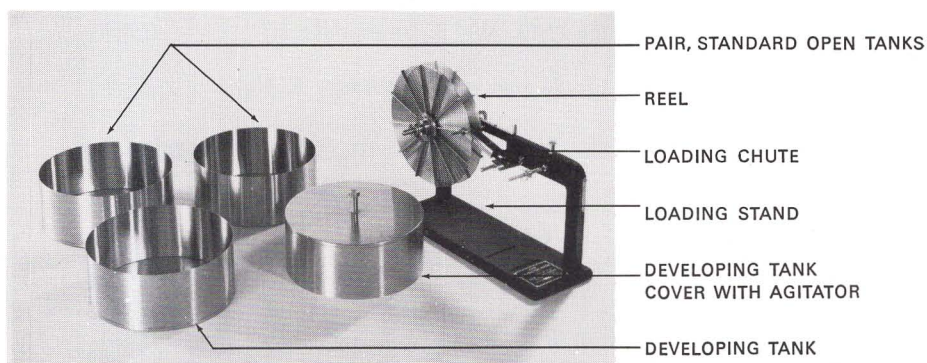
To aid in the selection of the proper equipment, the following pages classify each item according to the size or gauge of film, and also the maximum length of film that may be processed. **SPECIAL SIZES:** Reels and machines for film sizes not listed may be obtained on special order. Minimum price — 15% additional over price of next larger standard size. Tanks made of Red Brass are available on special order. Please contact Honeywell Nikor, P. O. Box 1010, Littleton, Colorado 80120, for prices.

## Film Processing Outfits

Film processing outfits should be tailored to the particular developing process (B&W, Color Negative or Color Reversal) to be used. Most black and white processes can be handled very adequately in three tanks plus a roto-wash tank, while color systems usually require five or seven tanks plus several roto-wash tanks (a single roto-wash tank may be used,

but it must be drained between wash steps to eliminate contamination). Utilizing a separate tank for each solution will minimize chemical handling, solution contamination and allow all solutions to be kept at the proper temperature by circulating water at the proper temperature around the tanks.

Each outfit listed on the following pages is a three-tank system, consisting of a rapid-loading, precision-welded stainless steel film reel, a light-weight loading stand, a loading chute, a set of 3 easy-to-store nesting stainless steel tanks, and a developing tank cover with agitator. Users desiring a customized processing outfit may order the appropriate additional components.



TYPICAL HONEYWELL NIKOR OUTFIT

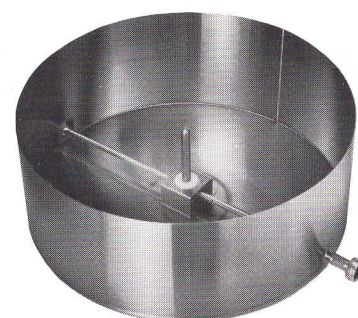


# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

### Film Processing Equipment

### 16mm and 35mm Film



ROTO-WASH TANK  
(Cat. No. 3359)

16mm PROCESSING EQUIPMENT			
Length	Cat. No.		
<b>28'</b>	3230*	Reel .....	\$139.95
	3232*	Developing Tank, Cover and Agitator .....	\$ 62.95
	3233*	Pair, Standard Open Tanks .....	\$ 54.95
<b>50'</b>	3235	Reel .....	\$144.95
	3236*	Developing Tank, Cover and Agitator .....	\$ 66.95
	3237*	Pair, Standard Open Tanks .....	\$ 57.95
<b>100'</b>	3239	Reel .....	\$149.95
	3240	Developing Tank, Cover and Agitator .....	\$ 73.95
	3241	Pair, Standard Open Tanks .....	\$ 62.95
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3231	Loading Stand .....	\$ 79.95
	3356	Loading Guide Fork .....	\$ 4.00
	3360	16mm - 35mm Agitator Extension .....	\$ 11.95
	3361	16mm - 46mm Agitator Extension .....	\$ 11.95
	3362	16mm - 70mm Agitator Extension .....	\$ 11.95
	3363	16mm - 89mm Agitator Extension .....	\$ 11.95
	3364	16mm - 105mm Agitator Extension .....	\$ 11.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

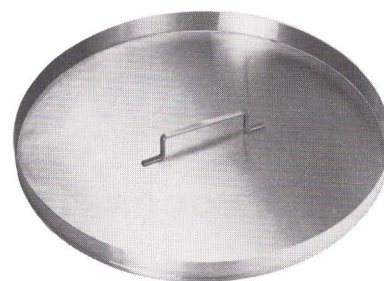
\*Special Item — Delivery information on request.

35mm PROCESSING EQUIPMENT			
Length	Cat. No.		
<b>18'</b>	3086	Reel .....	\$ 39.95
	3050	Developing Tank and Cover .....	\$ 34.95
	3134	Reel Adapter (Required with Loading Stand) .....	\$ 11.95
	3135	Sleeve Adapter (Required with Loading Stand) .....	\$ 4.95
	3375	Lift Rod, 3 $\frac{3}{8}$ " .....	\$ 1.00
<b>28'</b>	3243	Reel .....	\$139.95
	3244	Developing Tank, Cover and Agitator .....	\$ 62.95
	3245	Pair, Standard Open Tanks .....	\$ 54.95
	3389	Pentax 250 Cassette Adapter for Loading Stand .....	\$ 21.95
<b>50'</b>	3247	Reel .....	\$144.95
	3248	Developing Tank, Cover and Agitator .....	\$ 66.95
	3249	Pair, Standard Open Tanks .....	\$ 57.95
<b>100'</b>	3251	Reel .....	\$149.95
	3252	Developing Tank, Cover and Agitator .....	\$ 73.95
	3253	Pair, Standard Open Tanks .....	\$ 62.95
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3231	Loading Stand .....	\$ 79.95
	3351	Loading Chute .....	\$ 11.95
	3365	35mm - 46mm Agitator Extension .....	\$ 11.95
	3366	35mm - 70mm Agitator Extension .....	\$ 11.95
	3367	35mm - 89mm Agitator Extension .....	\$ 11.95
	3368	35mm - 105mm Agitator Extension .....	\$ 11.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

### Film Processing Equipment 46mm and 70mm Film



FLOATING LID  
(Cat. No. 3350)

#### 46mm PROCESSING EQUIPMENT

<u>Length</u>	<u>Cat. No.</u>		
<b>28'</b>	3255*	Reel .....	\$139.95
	3256*	Developing Tank, Cover and Agitator .....	\$ 62.95
	3257*	Pair, Standard Open Tanks .....	\$ 54.95
<b>50'</b>	3259*	Reel .....	\$144.95
	3260*	Developing Tank, Cover and Agitator .....	\$ 66.95
	3261*	Pair, Standard Open Tanks .....	\$ 57.95
<b>100'</b>	3263	Reel .....	\$149.95
	3264*	Developing Tank, Cover and Agitator .....	\$ 73.95
	3265*	Pair, Standard Open Tanks .....	\$ 62.95
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3231	Loading Stand .....	\$ 79.95
	3352	Loading Chute .....	\$ 13.95
	3369	46mm - 70mm Agitator Extension .....	\$ 11.95
	3370	46mm - 89mm Agitator Extension .....	\$ 11.95
	3371	46mm - 105mm Agitator Extension .....	\$ 11.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

\* Special Item — Delivery information on request.

#### 70mm PROCESSING EQUIPMENT

<u>Length</u>	<u>Cat. No.</u>		
<b>18'</b>	3087	Reel .....	\$ 39.95
	3054	Developing Tank and Cover .....	\$ 37.95
	3134	Reel Adapter (Required with Loading Stand) .....	\$ 11.95
	3136	Lift Rod, 4" .....	\$ 1.00
	3388	Linhof Cassette Adapter for Loading Stand .....	\$ 21.95
<b>28'</b>	3267	Reel .....	\$139.95
	3268	Developing Tank, Cover and Agitator .....	\$ 62.95
	3269	Pair, Standard Open Tanks .....	\$ 54.95
<b>50'</b>	3271	Reel .....	\$144.95
	3272	Developing Tank, Cover and Agitator .....	\$ 66.95
	3273	Pair, Standard Open Tanks .....	\$ 57.95
<b>80'</b>	3283	Reel .....	\$149.95
	3276	Developing Tank, Cover and Agitator .....	\$ 73.95
	3277	Pair, Standard Open Tanks .....	\$ 62.95
	3350	Floating Lid for Tanks .....	\$ 19.50
<b>100'</b>	3275	Reel .....	\$149.95
	3276	Developing Tank, Cover and Agitator .....	\$ 73.95
	3277	Pair, Standard Open Tanks .....	\$ 62.95
	3378	Control Strip Holder .....	\$ 14.55
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3231	Loading Stand .....	\$ 79.95
	3353	Loading Chute .....	\$ 13.95
	3372	70mm - 89mm Agitator Extension .....	\$ 11.95
	3373	70mm - 105mm Agitator Extension .....	\$ 11.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

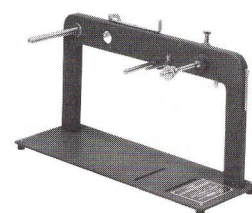


# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

### Film Processing Equipment

### 89mm and 105mm Film



LOADING STAND  
(Cat. No. 3231)

#### 89mm PROCESSING EQUIPMENT

Length	Cat. No.		
18'	3088	Reel .....	\$ 39.95
	3057	Developing Tank and Cover .....	\$ 39.95
	3134	Reel Adapter (Required with Loading Stand) .....	\$ 11.95
	3377	Lift Rod, 47/8" .....	\$ 1.00
80'	3287	Reel .....	\$179.50
	3288	Developing Tank, Cover and Agitator .....	\$ 85.95
	3289	Pair, Standard Open Tanks .....	\$ 72.95
	3357	Quality Control Strip Holder .....	\$ 13.55
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3354	Loading Chute .....	\$ 13.95
	3231	Loading Stand .....	\$ 79.95
	3374	89mm to 105mm Agitator Extension .....	\$ 11.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

#### 105mm PROCESSING EQUIPMENT

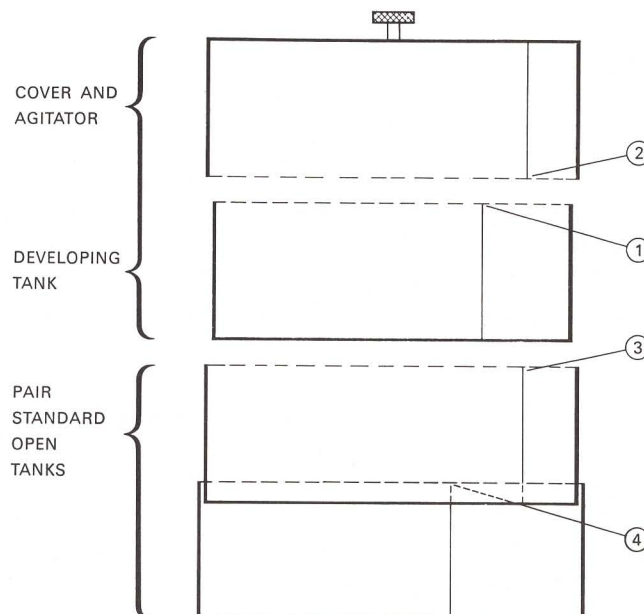
Length	Cat. No.		
80'	3291*	Reel .....	\$199.95
	3280*	Developing Tank, Cover and Agitator .....	\$ 95.95
	3281*	Pair, Standard Open Tanks .....	\$ 79.95
	3350	Floating Lid for Tanks .....	\$ 19.50
100'	3279*	Reel .....	\$199.95
	3280*	Developing Tank, Cover and Agitator .....	\$ 95.95
	3281*	Pair, Standard Open Tanks .....	\$ 79.95
	3350	Floating Lid for Tanks .....	\$ 19.50
Accessories	3355	Loading Chute .....	\$ 13.95
	3231	Loading Stand .....	\$ 79.95
	3358	Drying Motor .....	\$ 39.95
	3359	Roto-Wash Tank .....	\$ 85.50

\* Special Item — Delivery information on request.

#### Reference Data 28', 50', 80' and 100' Tanks

The three tanks and the cover are stamped with a number for identification purposes. This small number appears at the seam as shown in the drawing. When ordering a replacement tank which happens to be one of a pair, be sure to give the number.

The tanks and cover all "nest" together, making a very compact unit for storage purposes.



# HONEYWELL PHOTOGRAPHIC PRODUCTS

## HONEYWELL NIKOR

### Reference Data

#### GENERAL INFORMATION

Honeywell Nikor Quick Fill covers are the result of over 40 years of leadership in this field. During agitation, when the tank is inverted, a small amount of leakage is normal. When ordering a Quick Fill top to replace one that has been damaged or lost, please send the tank so that a cover may be custom fitted to it.

Stainless Steel, from which Honeywell Nikor tanks and reels are made, will not rust. However, improper cleaning may result in rust-like stains. Acetic acid (Stop bath) is very harmful even to stainless steel if not properly cleaned. Therefore, stainless steel tanks should never be used as storage containers for corrosive chemicals. To clean, use a good grade of household kitchen cleanser followed by soap and water. (For stubborn areas rinse in a good grade of laundry bleach.) **IMPORTANT:** Do not use "scouring pads" as small particles of steel become imbedded in the walls of the tank which will cause very annoying rust stains which are almost impossible to remove.

#### 18 FOOT PROCESSING EQUIPMENT

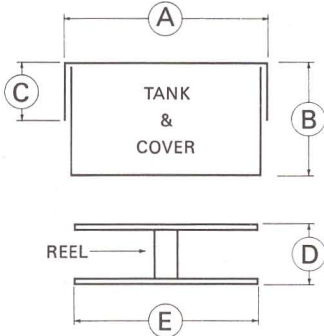
(Sometimes referred to as "G" Equipment)

This equipment includes reels and single developing tanks with covers. The reels have hubs with  $\frac{1}{2}$ " holes for use on loading stands, but without the threaded pulley knob at one end. Therefore, the tank covers for this series do not have the agitator knobs. Standard  $3\frac{1}{2}$  gal. professional developing tanks (not available from Honeywell but available from firms such as Eastman Kodak) can be used with these 18 ft. reels.

The standard Loading Stand, Cat. No. 3231, may be used for "G" reels by replacing the reel shaft with the 18 ft. reel adapter Cat. No. 3134. This adapter will accommodate the 70mm and the 89mm sizes. The 35mm reel requires Cat. No. 3134 and an additional sleeve Adapter 3135.

Use of the 70mm "Linhof" cassette with the standard loading stand requires the 70mm cassette adapter, Cat. No. 3388.

**DIMENSIONS AND CAPACITIES — 18 FOOT REELS AND TANKS**

	AREA SIZE	A	B	C	D	E	TANK CAPACITY IN OUNCES
	35mm	7"	3 $\frac{5}{8}$ "	2 $\frac{1}{4}$ "	1 $\frac{5}{8}$ "	6 $\frac{3}{4}$ "	60
	70mm	7"	4 $\frac{1}{8}$ "	2 $\frac{1}{4}$ "	3"	6 $\frac{3}{4}$ "	70
	89mm	7"	4 $\frac{7}{8}$ "	2 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	6 $\frac{3}{4}$ "	86

#### "HEAVY BASE" 80' PROCESSING EQUIPMENT

When processing "Heavy Base" films, the use of a special reel is recommended. These reels hold 80 feet instead of 100 feet. The 80' reels are the same diameter as the 100 ft. reels, but the spacing between the spirals is greater, allowing

better fluid movement for the thicker base films.

The tanks for the 80 foot reels are the same as for the 100 foot reels of a given size, such as 70mm.



# HONEYWELL NIKOR

## WEIGHTS AND DIMENSIONS OF PROCESSING EQUIPMENT

HONEYWELL PHOTOGRAPHIC PRODUCTS

REELS	16 MM			35 MM			70 MM			89 MM (3 1/2")	105 MM
	28 feet	50 feet	100 feet	28 feet	50 feet	100 feet	28 feet	50 feet	*80-100	80-100	80-100
Weight (lbs.) .....	3 1/2	5	7	5	7 1/2	10	5	7 1/2	10	8 3/4	8 lb.-14
Overall Diam. (in.) .....	9 1/4	11 3/4	16	9 1/4	11 3/4	16	9 1/4	11 3/4	16	16	16
Hub Diam. (in.) .....						2 3/4 for all sizes					
Handle Diam. (in.) .....						1 3/8 for all sizes					
Spindle Hole Diam. (in.) .....						1/2 for all sizes					
Overall Thickness at Center (in.) .....	3 3/8	3 3/8	3 3/8	4	4	4	5 1/2	5 1/2	5 1/2	6 1/4	6 3/4
<b>TANKS</b>											
Single Open Tank:											
Weight (lbs.) .....	1 1/2	2	2 1/2	2	2 3/4	3 1/2	2	3	4	4 1/2	5
Outside Diam. (in.) .....	9 3/4	12 1/2	16 1/2	9 3/4	12 1/2	16 1/2	9 3/4	12 1/2	16 1/2	16 1/2	16 1/2
Inside Depth (in.) .....	4 3/8	4 3/8	4 3/8	5	5	5	6 3/8	6 3/8	6 3/8	7 3/16	7 3/4
Solution Req'd to Cover Reel (qts.) .....	3	3 1/2	5	3	5 3/4	8 1/2	5	8	15	19	23
Developing Tank, Complete:											
Weight (lbs.) .....	3	4	6	4	5 1/2	7	4	6	8	8 1/2	9
Outside Diam. (in.) .....	10	13	17	10	13	17	10	13	17	17	17
Overall Height, with Agitator (in.) .....	6 1/4	6 1/4	6 1/4	6 7/8	6 7/8	6 7/8	8 1/4	8 1/4	8 1/4	9 1/8	9 3/4
Solution Req'd to Cover Reel (qts.) .....	3	3 1/2	5	3	5 3/4	8 1/2	5	8	15		
<b>OUTFITS</b>											
Total Weights (lbs.) .....	15 1/2	19	26	18 3/4	24	32	18 3/4	26	34	35	37
Approx. Shipping Weights .....	35	40	63	40	48	75	40	50	77	78	80
Approx. Shipping Wts., Reels Only .....	13	15	19	15	18	23	18	21	24	25	26
<b>LOADING STAND</b>											
(same for all reels):											
Overall Height, without Reel .....	11 in.	Length of Base			19 1/2 in.						
Maximum Overall Height,		Width of Base			7 in.						
with 100' Reel in Place .....	18 in.	Weight, without Reel			6 1/2 in.						

\*All data for special wide spaced 70mm 80-foot Reel and Outfit are same as for regular 70mm 100-foot Reel.

# HONEYWELL PHOTOGRAPHIC PRODUCTS

## factory and main office

P. O. BOX 1010  
5501 SOUTH BROADWAY  
LITTLETON, COLORADO 80120

### HONEYWELL REGIONAL SERVICE STATIONS:

HONEYWELL, INC.  
Photographic Products Division  
5501 South Broadway  
Littleton, Colorado 80120

HONEYWELL, INC.  
Photographic Products Division  
6620 Telegraph Rd.  
Los Angeles, California 90022

HONEYWELL, INC.  
Photographic Products Division  
7120 North Lawndale Ave.  
Chicago, Illinois 60645

HONEYWELL, INC.  
Photographic Products Division  
24 - 30 Skillman Avenue  
Long Island City, New York 11101

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### HONEYWELL WARRANTY SERVICE STATIONS:

ARIZONA CAMERA REPAIR  
3012 North 16th St.  
Phoenix, Arizona 85016

BOYD'S CAMERA REPAIR  
514 N. Main  
San Antonio, Texas 78205

CAMERA REPAIR SERVICE  
39 Chicago Avenue  
Oak Park, Illinois 60302

CAMERA SERVICE COMPANY  
2257 Cascade Road, S.W.  
Atlanta, Georgia 30311

CAPITOL CAMERA REPAIR, INC.  
611 North 27th St.  
Lincoln, Nebraska 68503

COMET CAMERA REPAIR SHOP, INC.  
1211 Arch St.  
Philadelphia, Penn. 19107

CONTINENTAL CAMERA REPAIR SERVICE  
2258 Seneca St.  
Buffalo, New York 14210

CUSTOM CAMERA SERVICE  
823 West Lake St.  
Minneapolis, Minn. 55408

DAN'S CAMERA CLINIC  
5136 Biscayne Blvd.  
Miami, Florida 33137

MACK CAMERA SERVICE  
1025 Commerce Ave.  
Union, New Jersey 07083

MIDWEST CAMERA REPAIR  
318 Oak St.  
Wyandotte, Michigan 48192

MOVIE SUPPLY OF HAWAII, LTD.  
758 Halekauwila St.  
Honolulu, Hawaii 96813

MURPHY'S CAMERA & PROJECTOR REPAIRS  
2320-22 Tulane Ave.  
New Orleans, La. 70119

MURPHY'S CAMERA REPAIR  
957 Fernandez Juncos Ave. Stop 14½  
Santurce, Puerto Rico 00907

NICHOLS PHOTO & ELECTRONIC REPAIR  
407-09 Grant Ave.  
Pittsburg, Penn. 15209

PHOTO ELECTRONIC REPAIR\*  
5215 East Grand Ave.  
Dallas, Texas 75223

PHOTO EQUIPMENT REPAIR COMPANY\*\*  
1697 Broadway  
New York, New York 10019

PHOTO-TRONICS, INC.  
223 Westlake Ave., North  
Seattle, Washington 98109

PRECISION CAMERA REPAIR, INC.  
43 Sheridan St.  
Chicopee Falls, Mass. 01020



# HONEYWELL PHOTOGRAPHIC PRODUCTS

PRECISION CAMERA REPAIR, INC.  
603 Mt. Auburn St.  
Watertown, Mass. 02172

PURCHASE CAMERA REPAIR  
1115 South University Ave.  
Ann Arbor, Michigan 48104

CHARLES S. SMITH, JR. & CO.  
4275 Wendell Drive, S.W.  
Atlanta, Georgia 30331

SANFORD PHOTOGRAPHIC INDUSTRIES  
1054 Massachusetts Ave.  
Arlington, Mass. 02174

SOUTHERN PHOTO-TECHNICAL SERVICE, INC.  
1404 San Marco Blvd.  
Jacksonville, Fla. 32207

SOUTHERN PHOTO-TECHNICAL SERVICE, INC.  
2737 N.W. 75th St.  
Miami, Florida 33147

SOUTHERN PHOTO-TECHNICAL SERVICE, INC.  
1750 Ninth Ave., North  
St. Petersburg, Florida 33713

SOUTHERN PHOTO-TECHNICAL SERVICE, INC.  
310 Meacham St.  
Charlotte, N.C. 28203

STRAUSS PHOTO-TECHNICAL SERVICE, INC.  
434 West 21st St.  
Norfolk, Virginia 23517

STRAUSS PHOTO-TECHNICAL SERVICE, INC.  
1240 Mt. Olivet Rd., N.E.  
Washington, D.C. 20002

LARRY WORK PHOTOGRAPHIC MAINTENANCE  
2025 Farrington St.  
Dallas, Texas 75207

ZINK CAMERA REPAIR  
774 North Main St.  
Akron, Ohio 44310

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Any present or future local, state or federal taxes applicable to the equipment sold hereunder shall be added to the selling price and be paid by the purchaser.

*All Prices are List, Subject to Change Without Notice*

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Units sold in Canada through McQUEEN SALES CO., LTD., Cooksville, Ont., and Vancouver, B.C., Canada, are protected by the same warranty policy in effect in the U.S. Honeywell products requiring service in Canada should be returned to your Canadian Honeywell photographic dealer.

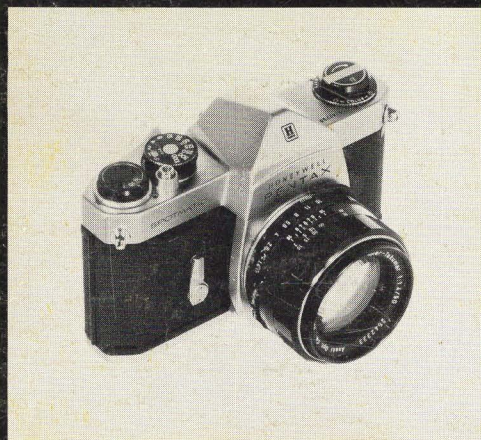
*For information regarding units sold in other countries, write:*

INTERNATIONAL DIVISION  
HONEYWELL, INC.

P. O. Box 1010 • Littleton, Colo. 80120

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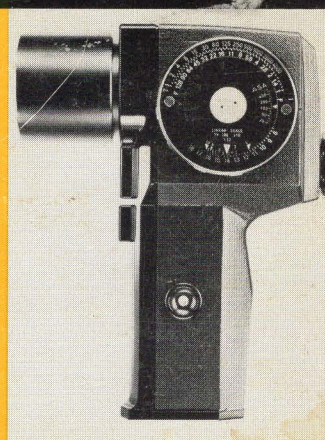




HONEYWELL PENTAX SPOTMATIC



HONEYWELL ELMO 106  
MOVIE CAMERA



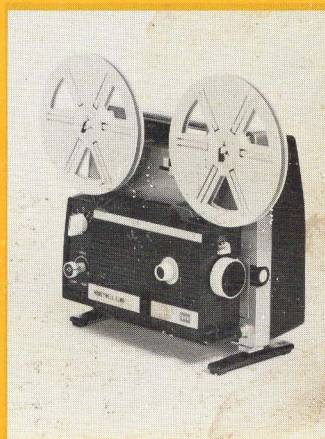
HONEYWELL PENTAX  
EXPOSURE METER



HONEYWELL PREVIEW PROJECTOR



HONEYWELL  
AUTO/STROBONAR 332



HONEYWELL ELMO  
380 PROJECTOR



HONEYWELL PENTAX 6X7



HONEYWELL REPRONAR



HONEYWELL  
AUTO/STROBONAR 770

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