# CATALOG NO. 39

# Leica and Leicaflex

LEICAFLE)

# cameras & accessories

Your assurance that the Leica camera or lens you buy is a new one, is the Leitz Registration Card which identifies the equipment by serial number. On returning this card to E. Leitz, Inc., you will receive your Leitz Guarantee Certificate. Only a Franchised Leica Dealer can provide you with the Leitz Registration Cards. We cannot guarantee any camera or lens sold to you without a Leitz Registration Card, since it must be assumed to be second-hand equipment.

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### 35mm PROJECTORS, ELECTRONIC FLASH EQUIPMENT, AND 8mm MOVIE EQUIPMENT ARE DESCRIBED IN OTHER LEITZ LITERATURE AND CATALOGS AVAILABLE FROM YOUR FRANCHISED LEICA DEALER

Prices and specifications effective February 1, 1966. Both are subject to change without notice.

### LEICA "M" CAMERAS

The Leica "M" models are the achievement of more than a third of a century of progress in the design of rangefinder 35mm cameras. Since 1925, when the introduction of the first Leica launched the present era of 35mm photography, constant improvements have been added to make operation easier and success more certain.

M 3 The Leica M 3 is the most advanced "M" model. Among its features are:

- Brilliant, single-window range- and viewfinder with life-size image.
- Built-in, parallax-corrected bright-line picture frames for 50mm, 90mm and 135mm lenses. (Other focal lengths require accessory finders.)
- Accurate, rugged focal-plane shutter.
- One-stroke film-advance and shutter-wind lever.
- Single speed-setting dial with click-stops for speeds from 1 second to 1/1000th and B.
- Automatic flash synchronization for both conventional flash bulbs and electronic flash.

- Built-in exposure counter automatically resets itself to zero on reloading camera.
- Rewind lever resets automatically to "advance" position as film is loaded.
- · Built-in self-timer (up to 10 seconds delay).
- Accessory shutter-coupled exposure meter available.
- Accessory reflex housing available for longlens and close-up work.
- Many other accessories for close-up, copying and photo-micrography available.
- M 2 The M 2 is not a lesser, but a companion model to the M 3 and has most of the features of that model. It does, however, differ in some minor respects:
- Built-in, bright-line frames for 35mm, 50mm and 90mm lenses.
- Viewfinder image three-quarters life-size.
- Manually-reset automatic exposure counter.

In addition, the M 2 may be used with a Leicavit Rapid Winder baseplate for fast-sequence photography. The Leicavit cannot be used on the M 3.

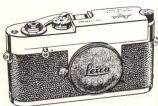
### M 2X

The M 2X is a variation of the M 2 with the self-timer eliminated.

Catalog Number	Item	Retail Price
10,150	Leica M 3 without lens	\$288.00
10,157	Leica M 3 with 50mm Elmar f/2.8 lens	357.00
10,180	Leica M 3 with rigid 50mm Summicron f/2 lens	438.00
10,185	Leica M 3 with Dual-Range 50mm Summicron f/2 lens and Optical Viewing Unit	477.00
10,167	Leica M 3 with 50mm Summilux f/1.4 lens	486.00
10,308	Leica M 2 with self-timer but without lens	249.00
10,333	Leica M 2 with 35mm Summaron f/2.8 lens	372.00
10,331	Leica M 2 with 35mm Summicron f/2 lens	412.50
10,335	Leica M 2 with 50mm Elmar f/2.8 lens	318.00
10,336	Leica M 2 with 50mm rigid Summicron f/2 lens	399.00
10,338	Leica M 2 with 50mm Dual-Range Summicron f/2 lens and Optical Viewing Unit	438.00
10,337	Leica M 2 with 50mm Summilux f/1.4 lens	447.00
10,300	Leica M 2X without lens	214.00



LEICA M 2



LEICA MD

# SPECIAL "M" MODELS MD & BLACK MODELS

#### LEICA MD

The Leica MD is a camera designed for industrial, medical and scientific use with the Visoflex reflex housing, Micro-IBSO and other specialized attachments. It is similar in construction to the discontinued M 1 camera but lacks a rangefinder and viewfinder. Shutter speeds are from one to 1/1000th of a second, and the MD accepts the lenses and accessories used with the other "M" Leica models.

#### frame identification

For laboratory use, the MD permits frame identification to be printed on the negative at the same time the picture is made. This is accomplished by using a special baseplate (available as an accessory) which permits a transparent plastic strip to be inserted and positioned across one short edge of the film gate, in front of the film. Information marked on the plastic strip is thus printed on the negative when the exposure is made.

10,101	Leica MD without lens and with standard baseplate	\$186.00
10,911	Leica MD without lenses, with special base plate #14,131	194.50
14,131	Special Baseplate for Leica MD. Permits identification strips to be inserted into camera	19.00
14,132	Negative Marking Strips for use with special base- plate #14,131. Can be written on and positioned in front of film in camera for frame identification at time of exposure. Package of 100 strips	8.50

#### CAMERAS, LENSES & ACCESSORIES AVAILABLE IN BLACK FINISH

To meet a limited but definite demand, certain Leica cameras, lenses, and accessories are now offered in a black as well as a chrome finish. These black-finish items will be available in limited quantities and on special order only.

The black cameras and lenses have white lettering and numerals except for the footage markings on the feet/meter focusing scales of the lenses. These are in red.

Catalog Number	Item	Retail Price
	CAMERAS IN BLACK FINISH	
10,309	Leica M 2S without lens	282.00
10,151	Leica M 3 without lens	327.00
	LENSES IN BLACK FINISH	
11,117	50mm Summicron f/2 rigid mount	171.00
11,113	50mm Summilux f/1.4	222.00
11,829	135mm Elmarit f/2.8 with built-in collapsible lens hood and filter-retaining ring to accept Series 7 filter	258.00
	ACCESSORIES IN BLACK FINISH	
14,212	Leica-Meter MR	54.00

# **MOTOR DRIVE FOR LEICA M2**

The Motor Drive enables the Leica Photographer to take sequence and/or single frame pictures with automatic shutter firing and instant film advance. Ideal for news, sports, industrial, science, technology, medicine, aviation, military and surveillance purposes. This motor is for all "M" model Leicas except the "M3".

Catalog Number	,	tem	Retail Price
98,700	Motor Drive for Leica (not for M3)	M2, M1, MD and MP Cameras	\$372.00
10,901	Leica Camera Body M2X Catalog No. 98,700	Modified to accept Motor Drive	229.00
10,902	Leica Camera Body M2S Catalog No. 98,700	Modified to accept Motor Drive	265.50
98,710	Remote Control Cord, a cord with push-button s	15 foot heavy duty weather-proof switch and connector plug	20.00
98,711	Remote Control Cord, a proof cord with push-bu	a 100 foot heavy duty weather- utton switch and connector plug	25.00

Note: New Leicas which have been modified (Catalog No. 10,901 and 10,902) for the Motor Drive are offered only with a Motor Drive (Catalog No. 98,700) E. Leitz, Inc. will modify Leica M2's, M1's, MD's and MP's to accept a Motor Drive when the camera requiring modification is accompanied by a Motor Drive or an order for one. The price is \$25,00. Cameras requiring conversion should be sent to:

Repair Department E. Leitz, Inc. 304 Hudson Street New York, N.Y. 10013

# **BASIC CAMERA ACCESSORIES**





14,526



14,528



14,006

#### **BASIC ACCESSORIES FOR LEICA "M" MODELS**

Catalog Number	Item	Retail Price
14,210	Leica-Meter MR, battery operated with CdS cell and self-locking indicator needle. Has 27° angle of accept- ance. Couples to speed dial of Leica "M" models. Com- plete with Mallory PX 13 "button" battery	\$48.00
14,215	Case for exposure meter MR	4.80
14,216	Mallory PX 13 battery for Leica Meter MR (as replace- ment)	0.50
14,526	Eveready Case for Leica M 3 or M 2 with 35mm "RF" lenses or 50mm Dual-Range Summicron, each with Optical Viewing Unit attached	21.60
14,528	Eveready Case for Leica M 3, M 2 or M 1 with Leica Meter MR attached and lenses through 50mm without Optical Viewing Unit or collapsible 90mm lens	20.40
14,094	Shoulder Grip for strap of Eveready case. Fits carrying straps up to $\frac{1}{2}''$ wide.	0.90
14,006	Film Magazine for all Leicas except 250 exposure model; with screw-cap plastic container	8.10
14,097	Bayonet Adapter actuating the 50mm viewfinder frame of the Leica M2 and M3 For M3 with All screw-mounting Leica lenses 50mm or less in focal length. For M2 with All screw-mounting 50mm Leica lenses.	9.00
14,098	Bayonet Adapter actuating the 90mm viewfinder frame of the Leicas M2 and M3 For M2 and M3 with: All screw-mounting 90mm Leica lenses.	9.00
14,099	Bayonet Adapter actuating the 135mm viewfinder frame of the Leica M3 and the 35mm frame of the Leica M2	9.00

For M3 with: All screw-mounting 135mm Leica lenses. For M2 with: All screw-mounting Leica lenses 35mm or less in focal length.

Note: Any of the above Bayonet Adapters can be used to attach 135mm screw-mounting lenses to the M2. Since a separate viewfinder must be used for this focal length on the M2, the bright-line frame which is actuated in the range-viewfinder is unimportant. This is also true for adapting the screw-threaded Visoflex I to "M" Leicas, since viewing and focusing are done on the ground glass screen. (The screw-mount-ing Visoflex II cannot be adapted to bayonet-mounting cameras.)

cameras.)

# WIDE-ANGLE BAYONET LENSES

The versatility and popularity of the Leica System of photography have always been rooted in the large selection of interchangeable lenses available for it. The lenses below have bayonet mounts which fit the "M" series Leicas. Screwmounting lenses for older Leicas, and lenses designed for use on Visoflex reflex housings will be found in other sections of this catalog.

Rangefinder-coupled lenses for the "M" Leicas are available in focal lengths from the extreme wide-angle 21mm to the long-focus 135mm. This group affords great control, both creative and technical, over the final picture. Through proper choice of lens, you can control perspective, bring distant scenes "closer," or work in small crowded areas, yet record all the important subject matter without the need to move back from it. There is a Leica lens for every purpose. Some have the extremely high aperture of f/1.4 for work under very poor light. One—the Dual Range 50mm Summicron f/2—can be focused as close as 19" without extra accessories. And the 135mm Elmarit f/2.8 combines high speed with long focal length for situations which demand both from a lens. Still others are designed for all-around usefulness at modest cost.

Several of the longer focal lengths – particularly models of the 90mm and 135mm lenses –can also be used on the Visoflex II and III by means of adapters. This adaptation is especially useful for close-up and portrait work.

The longer focal length lenses, from 200mm to 400mm, which must be focused by a reflex system, are described in the section on the Visoflex housings.

Catalog Number	Item	Retail Price	
11,103	21mm Super-Angulon f/3.4 including special lens hood	\$ 270.00	A CONTRACT
12,002	Optical Bright-line Viewfinder for 21mm lenses	54.00	
11,801	28mm Elmarit f/2.8 with hood	226.50	11,106
11,802	28mm Elmarit f/2.8 without hood	216.00	FOR THINDS
12,007	Optical Viewfinders for 28mm lens	34.50	0
11,106	35mm "RF" Summaron f/2.8 with Optical Viewing Unit for M 3	159.00	
11,306	35mm Summaron f/2.8 for M2	123.00	
11,108	35mm "RF" Summicron f/2 with Optical Viewing Unit for M 3	198.00	
11,308	35mm Summicron f/2 for M 2	163.50	11.108
11,870	35mm Summilux f/1.4 for M 2	198.00	
11,871	35mm "RF" Summilux f/1.4 with Optical Viewing Unit for M 3	225.00	Macone
12,585	Lens Hood with clamping device for 35mm and 50mm Summicron and Summaron lenses with 42mm flange diameter	10.50	GLE
12,501	Lens Hood for 28mm Elmarit and 21mm Super Angulon lens	10.50	
			11,871
	11,103	11,30	
	11,870 T12,585	12,00	07 11,801

# NORMAL BAYONET LENSES

Contraction of the second	11,318

Catalog Number	Item	Retail Price	
11,112	50mm Elmar f/2.8	\$ 69.00	
11,118	50mm Summicron f/2, rigid	150.00	
11,318	50mm Dual-Range Summicron f/2 with Optical Viewing Unit for M 3 or M 2	189.00	
14,002	Optical Viewing Unit for bayonet-mounting 50mm Dual- Range Summicron f/2 lens (as replacement)	27.00	
11,114	50mm Summilux f/1.4 includes lens hood and lens hood cap	198.00	
12,585	Lens Hood with clamping device for 35mm and 50mm lenses with 42mm flange diameter	10.50	
12,522	Lens Hood for 50mm Summilux f/1.4 (as replacement)	10.50	



11,112







F



# LONG-FOCUS **BAYONET LENSES**



11,130



11,851





II

TIM

11,123

Catalog Number	Item	Retail Price
11,130 11,131	90mm Elmar f/4, rigid	\$105.00 123.00
11,800	90mm Tele-Elmarit f/2.8. Telephoto design; mount is only 60mm long	177.00
11,129	90mm Elmarit f/2.8, rigid	174.00
11,123	90mm Summicron f/2, rigid; chrome finish	249.00
11,851	135mm Tele-Elmar f/4; telephoto design black ano- dized finish	177.00
11,829	135mm Elmarit f/2.8, black finish only, with built-in collapsible lens hood and filter retaining ring to accept Series 7 filters	258.00
12,030	Optical Bright-Line Viewfinder for 135mm Elmar lens when lens is used on M 2	23.40
12,575	Lens Hood with clamping device for bayonet-mounting 90mm Elmarit, Tele-Elmarit and Elmar and 135mm Hekor, Elmar and Tele-Elmar lenses with 42mm front diameter.	10.50
	(Other viewfinders and lens hoods are listed in the Accessories Section.)	_







11,829

## DATA FOR RANGEFINDER-COUPLED "M" LEICA LENSES

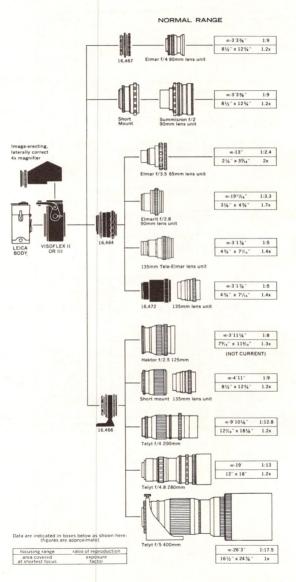
Focal Length	Lens		rture Minimum	Angle	Class	Click Diaphragm	Flange Diameter	Filter Designation	Weight Ounces	Minimum Focus	Approx. Min. Focus Area (In.)	Application
21mm	Super- Angulon	f/3.4	f/22	92°	Wide Angle	Yes	52.5mm	Series 7	9	With RF* M2-2'4" M3-3'4"	15 x 23 (at RF min. distance)	Interiors Architecture Panoramic
28mm	Elmarit	f/2.8	f/22	76°	Wide Angle	Yes	52.5mm	Series 7 or E 48	8	w/range- finder M2-2'4" M3-3'4"	2'x2'8″	Architecture Industrial Photo- Journalism
35mm	Summilux 1	f/1.4	f/16	64°	Wide Angle	Yes	43mm	E41	M2-8.7 M3-11.5	M2 3' M3 2' 3"	22 x 33 16 x 24	Interiors Architecture Panoramic
35mm	Summaron 1	f/2.8	f/22	64°	Wide Angle	Yes	42mm	A36	M2-6 M3-7.2	M2-2' 4" M3-2' 2"	17 x 25.5 16.2 x 24.5	Interiors Architecture Panoramic
35mm	Summicron 1	f/2	f/16	64°	Wide Angle	Yes	42mm	E39	8.25	M2-2' 4" M3-2' 2"	17 x 25.5 16.2 x 24.5	Interiors Architecture Panoramic
50mm	Elmar (collaps- ible mount)	f/2.8	f/16	45°	Standard	Yes	42mm	E39	7.5	3.5′	18 x 27	General Copying Macro
50mm	Summicron	f/2	f/16	45°	Standard	Yes	42mm	E39	8.25	3.5'	18 x 27	General Action Poor Light Close-up
50mm	Dual-Range Summicron	f/2	f/16	45°	Standard	Yes	42mm	E39	14.25 w/ o.v.u.	Normal- 3' 4" Close- 19"	7 x 10 (close- up) 18 x 27 (nor- mal)	General Action Poor Light Close-up
50mm	Summilux	f/1.4	f/16	45°	Standard	Yes	45mm	E43	11.5	3.5′	18 x 27	General Existing light Fast action
90mm (Either rigid or col- lapsible	Elmar 2 (Note 2 for rigid mount only)	f/4	f/32	27°	Medium- Long focus	Yes	42mm	E39	9.5 & 12	3.5'	9.5 x 14.25	
mount)	uniy)									In Viso. 3' 4"	In Viso. 8.75 x 13	
90mm	Tele- Elmarit	f/2.8	f/16	27°	Tele- photo	Yes, Incl, 1⁄2 stops	42mm	E39	12.5	3'4"	8.6 x 13	
90mm	Elmarit 2	f/2.8	f/22	27°	Medium- Long focus	Yes	42mm	E39	11.5	3.5'	9.5 x 14.25	Animals Sports Landscapes
										In Viso. 19.6	In Viso. 3 x 4.7	Portraiture Close-up
90mm	Summicron 2	f/2	f/16	27°	Medium- Long focus	Yes, incl. 1/2 stops	63.5mm	E48	25	3.5'	9.5 x 14.25	
135mm	Tele- Elmar 2	f/4	f/22	18°	Tele- photo	Yes, Half & full stop	42mm	E39	18	5'	8.75 x 13	Animals Sports
l35mm	Elmarit 3	f/2.8	f/32	18°	Long focus	Yes, Half & full stop	65	Series 7	26	5'	8.75 x 13	Distance Portraiture Close-up

1. Separate models for M3 and M2 2. Lens unit can be used on Visoflex II or III with adapters 3. Lens unit adapts to Bellows II only

\* 21mm lens focuses between minimum range-finder distances and 16", but range-finder does not function in this area.

### THE VISOFLEX SYSTEM

For Normal-Range Photography (Visoflex Close-Up Equipment Appears In The Close-Up Section)



# REFLEX HOUSING VISOFLEX III

Experts acknowledge that no one method of focusing is best for all photo situations. For general photography with wide angle and normal lenses, the rangefinder system is faster and more accurate than a reflex camera. For extreme close-ups and telephotography, however, a reflex system is a "must."

And so the Leica System has for many years made both focusing methods available in one camera by means of the Visoflex reflex housings. These accessories attach to the Leica body as quickly and easily as an ordinary lens and accept Leica lenses from 65mm to 400mm in focal length. By adding extension tubes or a focusing bellows (or both), the Visoflex can be used for extreme close-up and scientific photography.

All lenses designed for the Visoflex except the 65mm Elmar (#11,061) and 90mm Summicron f/2 (#11,126) require the use of Adapter #16,466 when used on the Visoflex II or III. Various other adapters and short mounts for the lens units of other lenses are also available.

#### **VISOFLEX III**

The Visoflex III is available for Leica "M" models only. It provides a selection of three mirror actions, any of which can be set quickly for best efficiency with varying types of photography:

- automatic quick-return, for sports or other action pictures
- soft upswing to minimize vibration for slow speeds and short time exposures
- mirror locked out of light path for long time exposures and scientific photography

A special lever-lock on the Visoflex III permits it to be attached to or removed from the camera even more quickly than a lens.

A 4X prism magnifier for eye-level use and a 5X straight magnifier for work with the camera below eye-level are available for the Visoflex III.

Catalog Number	Item	Retail Price
16,498	Visoflex III, bayonet mounting, with 4X magnifier	\$156.00
16,497	Visoflex III, bayonet mounting without magnifier	97.50
16,499	4X Eye-Level Magnifier for Visoflex III	58.50
14,118	<b>Correction Lens</b> for magnifier #16,499. Corrects for near- or far-sightedness. Prescription for eye to be used must be furnished with order.	15.00
16,461		
10,401	5X Standard Magnifier for Visoflex II or III	30.00







# FOCUSING MOUNTS For visoflex lenses

#### SHORT LENS MOUNTS

The lens units of certain rangefinder-coupled Leica lenses are removable. In special short mounts or adapters, they can then be used on the Visoflex and Bellows Focusing Device.

What's more the lens units of some shortmounted lenses for the Visoflex can be removed and remounted in long, rangefinder-coupled mounts, if desired.

Mounts, and some adapters are listed below. Adapters and extension tubes which fit Leica lenses for close-up photography will be found in the Close-up Section of this catalog.

Catalog	Item	Retail Price	
Number 16,464	Universal Focusing Mount. Necessary with f/3.5 65mm on Visoflex II and 135mm Tele-Elmar f/4 or III. Also adapts lens unit of f/2.8 90mm Elmarit to Visoflex II or III. With extension tube #16,472 it adapts lens unit of f/4.5 135mm Hektor or Elmar f/4 to Visoflex II or III.	\$39.00	16,464
16,467	Short Focusing Mount, for lens unit of rigid f/4 90mm Elmar lenses above #1,572,401; permits focusing from infinity to 3'4" in Visoflex II or III.	21.00	
16,463	Short Focusing Mount; accepts lens units of 90mm Summicron lens and #11,123 for use on Visoflex II and III only.	48.00	16,467
14,071	Short Focusing Mount, for 135mm Elmar lens unit. Fits Visoflex II and III(special order, serial number of lens must be furnished). Delivery 8-10 weeks	21.00	
14,111	Focorapid mount for Visoflex II and III. Provides instant focus change to any of three predetermined distance settings. Settings changeable at will. Accepts lens unit of 200mm Telyt f/4.	159.00	
14,114	Adapter to use 135mm Hektor f/4.5 (serial numbers over 250,000) or Elmar f/4 (but not Tele-Elmar) lens with Focorapid Mount	5.70	
14,113	Adapter to use discontinued 200mm Telyt f/4.5 lens with Focorapid Mount	5.70	14,111
14,112	Adapter to use 280mm Telyt f/4.8 lens with Focorapid Mount	6.30	

# **VISOFLEX LENS ADAPTERS**

Retail Price

\$19.50

5.40

57.00

2.40

3.90

30.00

25.50

25.50

#### ADAPTERS FOR VISOFLEX II AND III

Item

Adapter fitting bayonet on front side of Visoflex II with standard Leica thread, increasing extension length of Visoflex II to that of the Visoflex I and permitting use of short-mounted lenses of 125mm, 135mm†, 200mm, 280mm and 400mm focus

Adapter Tube. Adapts lens unit of 135mm† to Universal

Focusing Mount #16,464. Permits the lens to be focused to infinity on the Visoffex II or III. Can also be used with  $\pm 16,464$  and extension tube  $\pm 16,471$  at distances from 38" to 26".

Three Filter Turret for use with short mounted 135mmt,

200mm, 280mm, and 400mm lenses on Visoflex II and III, replaces Adapter No. 16,466, accepts 3 filters size E43. Adapters required for series 6 filters.....

Adapter Ring to use Series 6 filters in Filter Turret. ...

**Extension Tube** (15mm), fitting between 200mm Telyt and Visoflex for photography between 6 and 10 feet.

Intermediate Collar (63.5mm) with special viewfinder

shoe. Replaces Visoflex and adapter #16,466 when using 200mm or 400mm Telyt directly on Leica cameras having bayonet lens flange (used with finder #12,035 or #12,037).

Sports Frame Finder for 200mm lens for use with Intermediate Collar

Sports Frame Finder for 400mm lens for use with

Intermediate Collar ...

†Except 135mm Tele-Elmar



16,466



14,116





Catalog

16,466

16,472

14.116

14.117

14.020

14,024

12.035

12.037

14,020





14,024

# **VISOFLEX LENSES**

Catalog Number	Item	Retail Price		
11,062	<b>65mm Elmar f/3.5</b> for Visoflex II or III only. Lens unit without focusing mount. Use with Universal Focusing Mount #16,464	\$ 84.00		-
11,128	<b>90mm Elmar f/4</b> lens unit for use on Visoflex II or III only. Use with Short Focusing Mount #16,467	72.00	8	1
11,026	90mm Elmarit f/2.8 lens unit for use on Visoflex II or III only. Used with Universal Focusing Mount #16,464	129.00	11,062	
11,126	<b>90mm Summicron f/2</b> in short mount, chrome finish, complete with preset diaphragm. Fits Visoflex II or III only	207.00		
11,852	135mm Tele-Elmar f/4 lens unit for use on Visoflex II or III only. Used with universal focusing mount #16,464	138.00	11,026	

The following lenses require the adapter #16,466 for use on the Visoflex II or III (without adapter, they are used directly on the non-current Visoflex I):

11,063	200mm Telyt f/4 short mount, in- cludes pre-set diaphragm built-in collapsible lens hood and lens hood cap	246.00
11,912	280mm Telyt f/4.8 in parallel focus- ing mount with tripod socket; matte black finish, pre-set diaphragm; built-in collapsible lens hood	291.00
11,066	400mm Telyt f/5 in short mount; in- cludes built-in collapsible lens hood and lens hood cap.	498.00





TUTUTUTU 11,066

11.128

Focal Length	Lens	Aper Max.	Min.	Angle	Class	Click Diaphragm	Flange Diameter	Filter Designation	Weight Ounces	Min. Focus	Approx. Min. Focus Area (In.)	Application
65mm	Elmar	f/3.5	f/22	36°	Standard Med. Long	Yes incl. ½ stops	43mm	E41	4 <sup>1/2</sup> (less focus- ing mt.)	13″	2.25 x 3.25	General Close-up Copying
90mm	Summicron	f/2	f/16	27°	Medium Long focus	Yes incl. 1/2 stops	63.5mm	E48	19	3.5′	9.5 x 14.25	Portraiture Theatrical Existing light Animals
125mm	Hektor	f/2.5	f/22	20°	Long focus	Yes	59.8mm	E58	20.5	4'	7.5 x 11.25	
13 <mark>5</mark> mm	Tele- elmar	f/4	f/22	18°	Tele- photo	Yes incl. ½ stops	42mm	E39	6.75 (less focus- ing mt.)	5′	8.75 x 13	Sports Distance Portraiture Close-up
200mm	Telyt	f/4	f/22	12°	Tele- photo	Yes (Preset)	65mm	E58	23	10'	11.75 × 17.75	Sports Wild life Distance Portraiture
280mm	Telyt	f/4.8	f/32	8.5°	Tele- photo	Yes (Preset)	65mm	E58	52.3	19'	18 x 22	Distance Wild life Sports
400mm	Telyt	f/5	f/32	6°	Tele- photo	No	91mm	E85	76	25'	16 x 24	Distance Wild life Sports

### DATA FOR VISOFLEX II AND III LENSES\*

\*Removeable lens units of certain other Leica lenses can also be used on the Visoflex with proper adapters. See other lens data chart and individual lens listings.

# VIEW FINDERS AND LENS HOODS

#### VIEWFINDERS

Viewfinder frames for lenses from 50mm through 135mm are provided automatically by the range-viewfinder system of the Leica M 3. In the M 2 the 35mm through 90mm lenses are provided for.

But with extreme wide-angle lenses, or with a rangefinder-coupled 135mm lens on the M 2, accessory finders are needed for accurate composition.

Leitz Optical Bright Line viewfinders slip into the camera accessory clip and outline the appropriate picture field with a brilliant white line. Parallax compensation is provided, except in the case of the 21mm finder.

The Sports Frame finders outline the subject area in an open frame. They are especially useful for making action pictures and for general sports work. The frame finders also provide for parallax compensation.

> (Carrying cases for the viewfinders are listed with cases for other Leica equipment)

#### OPTICAL FINDERS

Catalog Number		Item		Price
12,002	<b>Optical Bright-Line</b>	Viewfinder fo	r 21mm lens	\$ 54.00
12,007	<b>Optical Bright-Line</b>	Viewfinder fo	r 28mm lens	34.50
12,010	<b>Optical Bright-Line</b>	Viewfinder fo	or 35mm lenses	30.00
12,015	<b>Optical Bright-Line</b>	Viewfinder fo	or 50mm lenses	19.50
12,025	<b>Optical Bright-Line</b>	Viewfinder fo	or 90mm lenses	23.40
12,030	<b>Optical Bright-Line</b>	Viewfinder fo	or 135mm lenses	23.40

#### FRAME FINDERS

12,035	<b>Sports Frame Finder</b>	for 200mm	lens	25.50
12,037	Sports Frame Finder	for 400mm	lens	25.50

#### LENS HOODS

The purpose of a lens hood is to protect the clarity, contrast and brilliance which have been designed into your lenses. A lens hood keeps direct light rays - whether from the sun, flood or flash lamp - from hitting the front of the lens, causing internal reflections and loss of contrast in the picture.

Use a lens hood at all times - indoors and out - to keep picture quality high.

#### LENS HOODS

12,501	Lens Hood for 21mm Super Angulon f/3.4 lens and 28mm Elmarit f/2.8 lens (as replacement)	1
12,585	Lens Hood for 35mm and 50mm lenses with 42mm front diameter, complete with plastic dust cap for use when lens is reversed for carrying and storage. Does not obstruct viewfinder	10
12,522	Lens Hood for 35mm Summilux f/1.4 (as replacement)	10
12,521	Lens Hood for all 50mm Summilux f/1.4 lenses (as re- placement)	•
12,575	Lens Hood with clamping device for bayonet-mounting 90mm Elmarit, Tele-Elmarit and Elmar and 135mm lenses with 42mm front diameter	1





12015















#### LENS PROTECTION COVERS

Scratched lens surfaces can spoil the definition and contrast of even the finest lenses. Lens covers are the best and most inexpensive protection available against dust, moisture and abrasion. Safeguard lens elements – both front and rear – whenever the lens is not in use.

Lens-opening covers are used to protect the camera body whenever it is stored or carried without a lens attached.

Catalog Number	Item	etail Price
14,032	Front Lens Cap, screw-in type. Fits lenses with 42mm flange diameter	\$ 1.95
14,102	Front Lens Cap, Plastic, for 21mm Super Angulon f/3.4 lens	1.65
14,078	Front Lens Cap, Plastic for 35mm f/1.4 Summilux lens (fits front lens flange not lens hood)	1.65
14,031	Front Lens Cap, chrome plated, fitting 50mm Summi- cron and all Leica lenses with 42mm flange diameter)	1.95
14,036	Front Lens Cap, chrome plated, for 50mm Summilux $f/1.4$ lens. (Fits front lens flange, not lens hood)	1.95
14,033	Front Lens Cap. Fits over rear of Lens Hood #12,585 for 35mm and 50mm lenses when hood is reversed for storage	.45
14,037	Front Lens Hood Cap, plastic. Fits lens hood #12,521 for 50mm Summilux reversed on lens for carrying or storage	.45
14,034	Front Lens Cap, chrome plated, for 65mm Elmar lens (as replacement)	1.65
14,028	Front Lens Cap for 90mm Summicron f/2 lenses with serial numbers 1,651,00 or over	2.40
14,044	Front Lens Cap, for 200mm f/4 Telyt lens	2.70
14,079	Front Lens Cap, for 280mm f/4.8 Telyt lens	3.30
14,046	Front Lens Cap, black finish, for 400mm Telyt lens	3.75
	REAR COVERS	
14,042	Rear Lens Cap, for bayonet-mounting 21mm Super Angulon lenses and Stemar lenses	3.00
14,051	Rear Lens Cap, plastic, for all bayonet-mounting lenses	







14,056

Angulon lenses and Stemar lenses	3.00
Rear Lens Cap, plastic, for all bayonet-mounting lenses (except 21mm lens) and Visoflex	1.95
Rear Lens Cap, for 65mm Elmar	.90
Rear Lens Cap for all Visoflex lenses with screw mount	1.95
	Angulon lenses and Stemar lenses Rear Lens Cap, plastic, for all bayonet-mounting lenses (except 21mm lens) and Visoflex Rear Lens Cap, for 65mm Elmar

### CAMERA COVERS

14,056	Lens Opening Cover, for Leica cameras having bayonet-	
	type lens flange	1.95

#### CORRECTION LENSES

Special correction lenses are available for the eyepiece of the range-viewfinder of the Leica to correct the system for your individual eyesight, should you be one of the many who normally wear glasses. With such a lens, you can use your camera accurately and conveniently without using eyeglasses. Please provide a prescription for your "camera eye" when ordering correction lenses.

# CAMERA ATTACHMENTS

#### CORRECTION LENSES

(Correction lenses are custom-made accessories and are available on special order only. Prescription for the eye used must be furnished when ordering. Delivery: 8-12 weeks.)

Catalog Number	Item	Retail Price
14,061	Correction lenses for Leica M2 and M3. To correct near and far sightedness	\$ 10.00
14,062	Correction lenses for Leica M2 and M3. To correct astigmatism	15.00
14,063	Correction lenses for 4X and 5X magnifiers for Viso- flex I and II. Corrects for near- and far-sightedness	9.00
14,118	Correction Lens for Visoflex III magnifier #16,499. Corrects for near- or far-sightedness. Prescription for eye to be used must be furnished with order	15.00

#### MISCELLANEOUS ATTACHMENTS

A selection of small accessories adds extra fun and convenience to picture-taking. The Leicavit Rapid Winder, for instance, makes it possible to shoot exciting action-sequence pictures at a faster rate than normal camera operation would permit.

The other attachments, whose functions are self-explanatory, help in various ways to make it easier for you to get the most from your Leica.

14,008	Leicavit Rapid Winder for M2 or M1 (cannot be used on Leica M3)	\$ 55.00
14,067	Cable Release (10 inches) with locking screw for bayonet-mounting Leica models	1.65
14,022	Take-Up Spool (marked "M") with pop-knob for Leica "M" models and Ig and IIIg. (Unmarked spools cannot be used with the Ig, IIIg)	3.60
14,092	Adustable Neck Strap for all Leicas	2.10
14,110	Table Tripod with small ball-and-socket tripod head	19.20
14,100	Table Tripod without ball-and-socket head	8.70
14,105	Ball-and-Socket Head, small	10.50
14,121	Ball-and-Socket Tripod Head, large rigid construction, with interchangeable adapters for European and ASA Tripod threads	19.20
14,011	Rangefinder for Leica Ig or If. Chrome finish	22.50
14,012	Shoe for mounting rangefinder #14,011 on cameras of larger size	1.95
98,206	Benser Base Plate Lens Holder for all Leica "M" cameras. Holds two bayonet-mount Leica lenses (21mm lens requires adapter 16,469). Fits camera base plate, matte chrome finish	39.00



The Leicaflex answers the demand for a system of single-lens reflex photography which has the same superb quality as the Leica rangefinder system. The Leicaflex is an eye-level 35mm reflex camera featuring a virtually vibration-free, patented, instant-return mirror and built-in CdS exposure meter which is crosscoupled to both shutter speed and diaphragm controls. Its lenses have automatic diaphragms which remain wide open, closing down to a preselected aperture as the picture is taken, and reopening instantly.

#### MIRROR

A patented cam-lever action in the Leicaflex mirror mechanism arrests the upward motion of the mirror gently, preventing a jarring slap which could cause vibration. A control lever on the front of the camera permits you to lock the mirror up out of the light path either before or after the exposure is made.

#### **BUILT-IN METER**

A very sensitive cadmium sulphide exposure meter is built into the Leicaflex and can be set for film speeds from ASA 8 to 6,500 by means of a click-stopped dial. DIN speeds of from 10 to 39 are also provided for. The meter is powered by a Mallory PX 625 "button" battery which lasts from 1½ to 2 years. To set the proper exposure, an indicator needle and follower arm, visible in the camera's viewfinder, are aligned by turning either the shutter speed dial, the aperture selector ring on the lens, or both.

The meter's measuring angle is approximately  $27^{\circ}$  – about that of a 90mm lens.

#### VIEWFINDER

The viewfinder of the Leicaflex is a brilliant Fresnel-lens screen with a central focusing spot containing 13,000 microprisms. An out-of-focus image is blurred, with wavery outlines; as the lens is properly focused, the image snaps into sharp clarity.

In addition to the exposure meter needle and follower arm, a shutter speed scale and indicator needle are also visible in the finder, below the actual picture area. Thus, it is possible to adjust the speed without removing the camera from your eye. A small circle at the top right and a larger one at the bottom right of the finder field, indicate whether the diaphragm is being opened up or stopped down when the diaphragm ring is used to set the exposure meter.

The eye-relief of the viewfinder is 15mm which permits eyeglass wearers to see the whole field without difficulty.

#### **OTHER FEATURES**

The Leicaflex also features a hinged back, selftimer, film-type reminder dial, battery-condition check, rapid rewind crank, accessory shoe, built-in, automatic-reset exposure counter and a single-stroke film-advance and shutter-rewind lever. All Leicaflex lenses have an anodized finish. A Leica-to-Leicaflex adapter, soon to become available will permit the use on the Leicaflex, of lenses designed for the Leica Visoflex. It will also permit the use of the Bellows II on the new camera.

#### ELPRO CLOSE-UP LENSES

The Elpro close-up lenses for the Leicaflex are two-element achromats especially designed for the prime lenses with which they are used. They are attached by being screwed into the front of the main lens. The Elpros retain the superb performance of the Leicaflex lenses and also permit the automatic diaphragm action of the lenses in closeup work. And, since they require no bellows extension, Elpro close-up photography requires no bellows extension factors.

# **LEICAFLEX & LENSES**

Catalog Number	Item	Retail Price
10,001	Leicaflex, without lens	\$384.00
10,218	Leicaflex, with 50mm auto-aperture Summicron-R f/2 lens, reversible lens hood and Series VI Filter Retaining Ring	549.00
	LEICAFLEX LENSES	
11,803	21mm Super Angulon-R f/3.4 lens for Leicaflex with lenshood	303.00
12,002	Optical Viewfinder for 21mm lens	54.00
11,101	35mm auto-aperture Elmarit-R f/2.8, complete with Series VI Filter Retaining Ring, reversible lens hood and lens cap	198.00
11,218	50mm auto-aperture Summicron-R f/2, complete with Series VI Filter Retaining Ring, reversible lens hood and lens cap	165.00
11,229	<b>90mm auto-aperture Elmarit-R</b> f/2.8, complete with Series VII Filter Retaining Ring, built-in, collapsible lens hood and lens cap	228.00
11,111	135mm auto-aperture Elmarit-R f/2.8, complete with Series VII Filter Retaining Ring, built-in, collapsible lens hood and lens cap	264.00
	LEICA LENS ADAPTER	
14,127	Lens Adapter with diaphragm simulator mechanism. Adapts Leica lenses for Visoflex II and III as well as	

4,127 Lens Adapter with diaphragm simulator mechanism. Adapts Leica lenses for Visoflex II and III as well as Bellows II to Leicaflex. When used with Visoflex lenses, indicates aperture setting, which is thenset on the diaphragm of the Visoflex lenses. Lenses which require Adapter #16,466 for use on Visoflex II or III will also require it for use with this Leicaflex lens adapter .....



Leicaflex Lens	ELPRO	Catalog Number And Price	Dis- tance Scale Setting	Approx. Subject to film	Distance Subject to ELPRO	Field covered (inches)	Repro- duction ratio	Depth of Field (inches)		
		11100	outting	in ir	iches	and the second		f/8	f/11	f/16
	Vla	16,531	8	19-11/16	16-1/16	7-1/4 x 10-7/8	1:7.7	1-3/8	1-7/8	2-3/4
50mm SUMMICRON-R	via	\$28.50	20″	12-1/8	8-1/4	3-5/8 x 5-7/16	1:3.8	25/64	9/16	25/32
f/2	VIb	16,532 \$28.50	00	11-7/8	8-3/16	3-11/16 x 5-9/16	1:3.9	13/32	9/16	13/16
			20"	9-1/2	5-9/16	2-7/16 x 3-11/16	1:2.6	3/16	9/32	3/8
90mm Elmarit-r	VIIa	16,533	00	29-1/16	24-1/16	6-5/16 x 9-1/2	1:6.7	1-1/16	1-1/2	2-1/8
f/2.8	VIIa	\$36.00	28″	17-7/16	11-13/16	2-7/8 x 4-5/16	1:3.0	17/64	3/8	17/32
	VIIb	16,534 \$36.00	00	59	53-1/4	9-5/16 x 14	1:9.9	2-1/4	3-1/8	4-1/2
135mm			5′	33-1/2	27-3/16	4-1/4 x 6-3/8	1:4.5	17/32	23/32	1-1/16
ELMARIT-R f/2.8	VIIa	16,533 \$36.00	00	29-13/16	24-1/16	4-1/4 x 6-3/8	1:4.5	17/32	23/32	1-1/16
			5'	23-1/8	16-13/16	2-5/8 x 3-15/16	1:2.8	7/32	5/16	7/16

### ELPRO CLOSE-UP LENSES

Focusing data are given for co and the shortest engraved distance setting of the Leicaflex lenses. Since the lenses can slightly exceed these engraved settings, somewhat higher reproduction ratios can be obtained than are shown in this table. All figures are approximate, having been rounded off for convenience.

# LEICAFLEX ACCESSORIES



14,809

Catalog Number	Item	Retail Price
14,555	Eveready Carrying Case, brown leather, for Leicaflex with 35mm or 50mm lens attached and lens hood reversed	\$28.50
14,809	Universal Carrying Case III with insert III for Leicaflex with mounted 35mm or 50mm lens, and either a 90mm lens coupled with a 35mm or 50mm or a 135mm lens coupled with a 50mm lens. Extra space for Elpro close-up lenses and filters	60.00
14,815	Universal Carrying Case III without insert	39.00
14,819	Insert III for Universal Carrying Case III. Holds equip- ment described in Cat. #14,809 above	21.00
14,822	Combination Case for the Leicaflex and 35, 50 and 90 or 35, 50 and 135mm lenses	39.60
14,094	Shoulder Grip for strap of Eveready case. Will fit carrying straps up to $\frac{1}{2}$ inch wide	.90
98,094	Shoulder Grip for strap of Universal Case	.90

CARRYING CASES

### LENS CASES

14,616	Plastic Case for 35mm Elmarit-R f/2.8 or 50mm Summi- cron-R f/2 lens	\$ 3	2.40
14,618	Plastic Case for 90mm Elmarit-R f/2.8 lens		3.30
14,619	Plastic Case for 135mm Elmarit-R f/2.8 lens		3.30

FILTERS SEE FILTER SECTION **BENSER CASES** 

### LEICAFLEX INSERTS

INSERTS	ТОР	COMPARTMENT	BOTTOM COMPARTMENT
Lf 1	Leicaflex with carrying lenshood attached.	strap and one 35- or 50mm lens with	None;
Lf 2	35- or 50mm lens with I	enshood attached, or 90mm lens*	35-, 50- or 90mm lens**
Lf 3	Filter, filter panel FP L small accessories.	f, cable release, dust brush and other	None;
Lf 4	35-, 50-, 90- or 135mr or cans can be stored	n lens; films in cardboard boxes, foil below the lens.	None;
Lf 5	Films in cans, filter par	nel FP Lf*** or other accessories.	None;

When the 90mm is in place, nothing can be stored above it in the lid of the carrying case.
Insert 35- or 50mm lens with hood facing down.
\*\*The filter panel FP LF accepts up to 4 filters; it can be stored or carried in insert Lf 3 or Lf 5.

#### **BENSER CASES**

Catalog Number	Item	Price
98,905	Model I* with Leicaflex inserts, set 1F, comprising the following: LF1, LF2, LF3, LF5	\$45.00
98,906	Model I* with Leicaflex inserts, set 2F, comprising the following: LF1, LF3, LF4, LF5	43.50
98,908	Model II* with Leicaflex inserts, set 3F, comprising the following: LF1, LF2, LF3, LF4, 2LF5'S	57.90

#### BENSER CASE SYSTEM COMPONENTS FOR THE LEICAFLEX

(Inserts are black, to distinguish from Leica inserts.)

98,901	Model I*, brown cowhide gadget bag with adjustable carrying strap but with no inserts	25.50
98,902	Model II*, brown cowhide gadget bag with adjustable carrying strap but with no inserts	31.50
98,961	Insert LF1	8.10
98,962	Insert LF2	5.10
98,963	Insert LF3	1.35
98,964	Insert LF4	3.75
98,965	Insert LF5	3.30
98,966 *These basi	Filter Panel for Inserts LF3 and LF5 c cases, Model I and Model II, are the same as listed for the Leica cam	1.65 era.

# LEICAFLEX ACCESSORIES

### MISCELLANEOUS LEICAFLEX ACCESSORIES

Catalog Number	Item	Retail Price
14,614	Plastic Filter Box for Series VII filters	\$.90
15,413	Connecting Cords, (40cm long) right-angled head, for Leicaflex (P-C connectors) and Braun Hobby or other flash units accepting standard "household" male plug	2.75
15,526	Synchro-Outlet Cover for Leicaflex flash outlets	.30
4,553	Leather Case for one Elpro lens	5.10
4,067	Cable Release (10 inches), with locking screw	1.50
14,092	Adjustable Neck Strap, leather	1.80
4,118	Correction Lens for Leicaflex eyepiece. Corrects for near or far-sightedness. Prescription for eye to be used must be furnished with order	15.00
	(Correction lenses are custom-made accessories and are available on special order only. Prescription for the eye used must be furnished when ordering. Delivery:	

#### REPLACEMENT PARTS

2.40	Filter Retaining Ring, Series VI, for 35mm Elmarit- R f/2.8 lens and 50mm Summicron-R f/2 lens (as re- placement).	14,160
2.40	Filter Retaining Ring, Series VII, for 90mm Elmarit- R f/2.8 and 135mm Elmarit-R f/2.8 lens (as replace- ment).	14,161
10.50	Lens Hood, reversible, clamp-on type for 35mm Elmarit- R f/2.8 and 50mm Summicron-R f/2 lenses. Includes lens cap (as replacement).	12,564
1.20	Front Lens Cap for 35mm Elmarit-R f/2.8 and 50mm Summicron-R f/2 lenses. Fits over rim of reversed lens hood (as replacement).	14,163
1.50	Front Lens Cap for 90mm and 135mm Elmarit-R f/2.8 lenses. Fits over rim of built-in lens hood (as replacement).	14,089
.75	Mallory PX-625 (with white ring) for Leicaflex exposure meter (as replacement).	14,128
1.50	Rear Lens Cap for Leicaflex lenses	14,162
1.65	Lens Opening Cover, plastic, for Leicaflex. (As replace-	14,103

# **CARRYING CASES**

Carrying cases not only protect, but organize your equipment for convenient use. There are available individual eveready cases for your camera, accessories and lenses, as well as fitted combination cases for complete photo outfits. Both the Leitz Universal Carrying Case and the Benser Carrying Case System will accommodate a wide variety of Leica equipment.

#### LEITZ CAMERA CASES

	LETTE OAMERA OAO	20		10
Catalog Number	Item		Retail Price	1000
14,526	Eveready Case for Lecia M 3 or M 2 with requiring Optical Viewing Unit or 50m Summicron, each with Optical Viewing Also takes camera with 90mm Tele-Elma	Unit attached.	21.60	14,526
14,528	Eveready Case for Leica "M" models with 50mm (except those with Optical Vie tached) and collapsible 90mm lens an "MR"	ewing Unit at- nd Leica Meter	20.40	I Paul
14,531	Eveready Case for Leica M 2 or M 1 fit vit Rapid Winder	ted with Leica-	21.60	14,528
14,094	Shoulder Grip for strap of Eveready case ing straps up to ½ inch wide	e. Will fit carry-	.90	1
	LEITZ COMBINATION CA	ASES		1
14,820	Combination Case, for Leica M 2 or M 3 90mm or 35, 50 and 135mm lenses. Len # 98205 included	is coupling ring	39.00	
98,205	Lens Coupling Ring, holds two bayonet- lenses back to back for storage in carry		1.95	200
14,807	Universal Carrying Case III with Inser cameras and accessories as follows: 1 - Leica M body 2 - Leica M body 3 - Mither Carrow Mither Carrow Mither Somm Tele-Elmarit, caps 3 - three filter boxes #14,612 4 - 135mm f/4 lens with lens hod 5 - 21mm or 28mm lens with lens hod 6 - 90mm f/2 lens or 135 mmf/2, with one 35 mm lens with lens cap I hood or with one 35mm or 50mm len and lens cap 7 - Optical viewing unit for 50mm f 8 - Viewinder for 21mm or 28mm le 9 - other accessories (see sketch)	35mm lens, or lens hood, lens & lens cap ood & lens cap 8. lens coupled but without lens pmm f/2.8 lens s with lens hood //2 lens ms	60.00	14,807 14,807
14,808	Universal Carrying Case III with Insert ing the following: 1 — Leica M with Visoflex II or III wit universal focusing mount #14,464 2 — universal focusing mounts #14,4 or adapter #16,466 3 — Leicameter 4 — 90mm f/2 lens or 65mm f/3.5 ld 5 — 135mm f/4 lens or 90mm f/4 len lens with lens hoods and lens caps 6 — 200mm or 280mm er #16,471 and 7 — one each adapter #16,471 and	th magnifier and or #16,467, or 464 or #14,467, ens with lens caps is or 90mm f/2.8 . caps #14,472	60.00	14,807
	8 – other accessories (see sketch)			14,808
	COMPONENT PARTS LEITZ CO		39.00	1/2 )
14,815	Universal Carrying Case III, without ins Insert I for Universal Carrying Case III		21.00	EV Ce
14,817	Insert II for Universal Carrying Case III		21.00	8
14,818 98,094	Shoulder Grip for strap of Universal Ca		.90	14,808

4.808

14,820

Cases for the Leicina 8mm movie cameras are listed with the cameras.

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# LENS CASES

### LENS CASES

	Catalog Number	Item	Retail Price
	14,561	Lens Case #1, leather, with snap-over fastener, fittings for strap of Eveready case or camera carrying strap, without neck strap, with bayonet lock for any one of the following bayonet mounting lenses with its lens hood: 28mm Summaron f/5.6 with bayonet adapter 35mm Summiux f/1.4 for M 2 35mm Summiux f/1.4 for M 2 35mm Summiron f/2.8 for M 2 or M 1 35mm Summiron f/2.8 50mm Elmar f/2.8 50mm Elmar f/3.5 90mm Elmar f/4, collapsible	\$ 10.80
	14,562	Lens Case #11, leather, with snap-over fastener and neck strap. It accepts two lenses, including their lens hoods, held together with coupling adapter #98,205. Lens combinations held are: 90mm Elmar f/4 or 90mm Elmarit or Tele-Elmarit f/2.8 with any 28, 35, or 50mm lens without optical attachment or 135mm Hektor f/4.5 or 135mm Elmar or Tele-Elmari f/4 with any 28, or 35mm lens without optical attach- ment	12.75
	14,563	Lens Case #111, leather, with snap-over fastener and neck strap. Accepts either 90mm Summicron f/2 or discontinued 85mm Summarex f/1.5	12.00
ο Φ φ	14,564	Lens Case # IV, leather, with snap-over fastener, neck strap, locking device in lid of case and loop for view- finder of Dual-Range 50mm Summicron f/2. Accepting any one of the following lenses with lens hood attached: 35mm Summilux f/1.4 with optical attachment 35mm "RF" Summaron f/2.8 with optical attachment 35mm "RF" Summaron f/3.5 with optical attachment 50mm Summicron Dual-Range f/2 with optical attachment	14.40
*	14,627	Leather Case for Optical Viewing Unit of Dual-Range 50mm Summicron	4.80
	14,585	Leather Case for Visoflex I, II or III (specify which) with 125mm Hektor, 135mm Hektor, 135mm Elmar, or Tele-Elmer in shout-mount or 200mm Telyt lenses	37.50
The second secon	14,587	Leather Case for 400mm Telyt lens, Visoflex I, II or III housing and Leica camera with double cable release and two filters	90.00
	14,603	Plastic Case for bayonet-mounting 21mm Super Angulon lenses	3.00
	14,595	Plastic Case for bayonet-mounting 35mm Summaron lenses without "RF" viewing unit	2.40
P	14,601	Plastic Case for bayonet-mounting 50mm Elmar, Sum- micron or Summarit lens	2.40
	14,606	Plastic Case for bayonet-mounting 90mm Elmar col- lapsible or Tele-Elmarit lens	2.40
tic Cases	14,607	Plastic Case for bayonet-mounting 90mm Elmar or Elmarit rigid lens	3.30
	14,611	Plastic Case for bayonet-mounting 135mm Hektor, Elmar or Tele-Elmar lens	3.30

14,561 14,562



14,563

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25

# ACCESSORY CASES

0-1-1--

### FILTER CASES

Number	Item	etail rice
98,052	Plastic Filter Box for filter E 41	\$ .90
98,053	Plastic Filter Box for filters A 36 and E 43	.90
14,612	Plastic Filter Box with slide-in groove for filter sizes E 39, E 41, E 43 and Series VI	.90

### FINDER CASES

14,617	Leather Case for 21mm or 28mm Optical Bright-Line viewfinder	2.40
14,630	Leather Case for 85mm, 90mm or 135mm Optical Bright-Line viewfinder	2.40
14,635	Leather Case for Universal Frame Finder	2.40

## ACCESSORY CASES

14,640	Leather Case	for rangefinde	r FOKOS #	14,011	2.40
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## BENSER CARRYING CASES

#### **Benser Case Outfits For Leica Equipment**

Below are some suggested insert combinations for specific Leica outfits. Each inservi will also carry Leica equipment other than that specifically listed. Inserts Lei and LE la, for instance; will accept any Leica body – not only "M" models. And, o course, it is also possible to make hundreds of "Hoor plans" besides those listed here.

The basic cases also accept Benser inserts for Leicaflex equipment. See SLR Accessory Section of catalog.

#### OUTSIDE DIMENSIONS: 43/14" D x 73/4" L x 7" H

(MODEL I) - Case only: #98,901

LE2

IE S



Set 1 - #98,911 \$40.65 M 3 with meter, plus 35, 50 and 90mm 4 films, 6 filters (lens in camera)

### IE -LE4 118



Set 3 - #98,913 **\$42.45** M 2 with meter, plus 35, 50 and 90mm 8 films, 6 filters (lens in camera)



115

112









LE 3 LETT LES



Set 5 - #98,915 1345.30 M 3 with meter, plus 35, 50, 90 and '35 mm (or 21, 35, 50 and 90 mm) 2 films, 3 filters

Set 6 - #98,916 \$47.10 M 3 with meter, plus 35, 50, 90 and 135 mm 4 films, 4 filters in lid

Set 7 - #98,917 \$43.35 2 M 3s with meter, plus 35, 50 and 90 mm (collapsible), 2 films, 6 filters

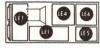
Set 8 - #98,918 **‡\$46.20** 2 M 2s without exposure meter, plus 21, 35, 50 and 90 mm 2 films or M 2 and M 3 with 21, 35, 50, 90 (collapsible) and 135 mm, 3 filters

Set 9 - #98,919 **‡\$44.25** M 2/3 with meter, plus Visoflex II and 50 mm, 90 and 135 mm Lens units and rings, 4 films, 6 filters

OUTSIDE DIMENSIONS: 43/16" D x 103/16" L x 7" H

(MODEL II) - Case only: #98.902

















For carrying the 21mm Super Angulon complete with its special view finder, we recommend that you add drawer A.

Set 1 - #98,921 **±\$53.85** M 3 with meter, plus 21, 35, 50 and 90 mm (or 35, 50, 90 and 135 mm) 8 films, 6 filters (lens in camera)

Set 2 - #98,922 \$50.25 2 M 3s with meter, plus 50,90 and 135 mm 4 films, 6 filters (lens in camera)

Set 3 - #98,923 **‡\$58.65** M 3 with meter, plus 35, 50, 90 and 135 mm with provision for an additional 21 mm, 21 mm, 8 films, 6 filters

Set 4 - #98,924 \$58.20 Two "M" Leica bodies - one with and one without exposure meter, plus 35, 50, 90 and 135 mm 8-9 films, 3 filters

Set 5 - #98,925 \$\$59.10 Two ''M'' Leica bodies - one with and one without Leica-Meter, plus 21, 35, 50, 90 and 135 mm 4 films, 4 films, in lid

Set 6 - #98,926 **‡\$57.60** 2 M 3s without Leica-Meter, plus 21, 35, 50, 90 and 135 mm, with 2 films, 3 filters

Set 7 - #98,927 \$57.60 1 M 2 without Leica-Meter, special exposure meter, with 35, 50, 90 mm Sum-micron, 135 mm (special viewfinder), 5 films, 3 filters with

5 films, 3 filters Set 8 - #98,928 \$56.25 For Visoftex II equipment: Leica with 50 or 65 mm, 90, 135 mm lens units and 200 mm, with space for the necessary inter-mediate rings and focusing mounts

# **BENSER CASES**

The Insert System And Its Function

- Footnotes
- except the super-speed lenses (such as the 50mm Summilux f/1.4 with hood) which are always housed in the top compartment.
- generally chosen in place of LE & if exposure meters other than the Leica Meter are used. The larger dimensions of this insert are compensated for by combining it with the film insert LE 5a instead of LE 5.
- \*\* Takes up the entire width of the bag. Generally chosen instead of LE 2 + LE 6.
- x Takes up the entire width of the bag. Generally chosen instead of LE 4 + LE 5. The dimensions of this insert are larger, taking up the space occupied by the large filter panel (FP 6). Instead, use the square filter panel in the lid of the bag.
- xx For combination with the Visoflex II attachment only.
- For carrying the 21mm Super Angulan complete with its special viewfinder, we recommend the addition of drawer A.

Inserts	Top compartment	Bottom compartment
LE 1	Any Leica body with Leica Meter or Leicavit attoched.	None. (The front of the insert is cut out, accommodating, if required, the camera with the lens in position.)
LEla	As above, but <b>without</b> Leica Meter or Leicavit.	None.
LE 2	One 21mm (with reversed hood) or one 28 or 35mm lens with hood in position; or one 50mm lens with veversed hood. (in veversed hood, see inserts LE8 and LE8a.)	90mm Elmarit or 90mm Elmar with reversed lens hood, all shorter focal lengths (see foot- note 1) with lens hoods in posi- tion. 65mm Elmar with rings #16.464 and #16.471. Accepts Drawer A or B. ‡
LE 3	Any 35 – 50mm lens with hood in position (for 35mm lens for the Leica M 3 see inserts LE 8 and LE 80.) 90mm Elmar (collapsible) with lens hood reversed; 65mm Elmar with rings #16,464 and #16,471 for the Visoflex II.	Any 35 – 50mm lens (see footnote 1 with hood in position. 90mm Elmar (collapsible) with reverse hood. 135mm lens in short mount for Viso flex or: 35mm films.
LE 4	90mm Elmar or Elmarit with hood in posi- tion. 135mm lenses except Elmarit with hood reversed. [Two 35mm films without cans or boxes will also fit under the 90mm lenses.)	None.
LE 5	Chute for 4 35mm films in cardboard boxes or: Leica film cassettes in metal cans.	None.
LE 5a	Chute for 4 35mm films in standard metal cans or foil.	None. (In certain combinations, the shorte dimensions of this insert permit yo to use other inserts which are large than standard.)
LE 6	For accessories such as the Leica Meter, Optical Viewing Unit for the Dual-Range Summicron, and small dust brush (use this insert if the Leica Meter is often stored off the camera).	Center compartment – for special view finders such as the Imarect Universa Viewfinder, or:– a 35mm film in cardboard box Bottom compartment:– for Leica Mete booster cell.
LE 7•	For various makes of exposure meter, e.g. Sixtomat 3, Bewi, Weston Master, etc.	For special viewfinders, such as Imareu Universal Viewfinder; or:- a 35mm film in cardboard box.
LE 8**	Especially for 35mm "RF" lenses for M3, with Optical Viewing Unit and with hood #12,571 in position; also has space for Leica Meter and Optical Viewing Unit for the Dual- Range 50mm Summicron plus small dust brush.	90mm Elmar or Elmarit (horizonta with reversed hood, or:— for Drawer A or B for the storag of various items. ‡
LE 8 a	35mm "RF" lens with Optical Viewing Unit for the Leica M3, but without hoad, or:= Lunasix or other large types of exposure meter.	For smaller exposure meters such o the Sixtomat 3, Bewi, Weston Maste (horizontal), or:- 2 35mm films.
LE 9×	Special insert for 90mm Summicron f/2 with hood or Visoflex I with 5x magni- fier (Double cable release fits into side compartment).	None. (side compartment accommodates special panel for 4 filters), or:= 5 35mm films without metal can
LE 10 ××	200mm Telyt with Adapter #16,466 at- tached, (i. e. instantly ready for use with the Visoflex II); or 125mm Hektor with attached hood, Adapter and Viso- flex.	None. (side compartment accommodates special panel for 4 Telyt filters).
LE 11 ××	Visoflex II housing and viewfinder magnifier, angled or vertical (the release lever must be in the forward position).	90mm or 135mm lenses in short moun with hoods in position, or:- for Drawer A or B for the storag of various items ‡
LE 12	Accepts the 280mm Telyt in its large top to side compartment, the OUBIO adapter in t	o bottom compartment. Two filters in the t the bottom side compartment.
LE 13	135mm Elmarit with viewfinder attachment.	None.
LE 14	Visoflex III with magnifier.	None. Side compartment accepts 90m Elmar or Elmarit or 135mm Elmar or Tele Elmar lens unit.

### BENSER CASE SYSTEM COMPONENTS FOR THE LEICA

(See Page 5 For Combination Outfit Prices)

Catalog Number	Item	Retail Price
98,901	Model I, brown cowhide gadget bag with adjustable carrying strap but with no inserts	\$25.50
98,902	Model II, brown cowhide gadget bag with adjustable carrying strap but with no inserts	31.50
98,930	Insert LE 1	3.00
98,931	Insert LE 1a	2.85
98,932	Insert LE 2	4.80
98,933	Insert LE 3	4.80
98,934	Insert LE 4	3.60
98,935	Insert LE 5	3.60
98,936	Insert LE 5a	3.45
98,937	Insert LE 6	5.40
98,938	Insert LE 7	3.90
98,939	Insert LE 8	6.60
98,940	Insert LE 8a	5.10
98,941	Insert LE 9	5.70*
98,942	Insert LE 10	6.30*
98,943	Insert LE 11	5.40
98,951	Insert LE 12	8.10
98,953	Insert LE 13	5.40
98,954	Insert LE 14	6.30
98,944	Drawer LE A	2.40
98,945	Drawer LE B	1.50
98,946	Six Filter Panel	1.95
98,947	Four Filter Panel	1.50
98,948	Narrow Three/Six Filter Panel	1.80
98,949	Filter Panel For Insert LE 9	1.65
98,950	Filter Panel For Insert LE 10	1.65
98,952	Filter Panel For Insert LE 12	1.65

\*Price does not include special filter panel

# **EXPOSURE METERS**

One of the most important secrets of successful photography is correct exposure. And the best way to guarantee proper exposure is to use a photoelectric exposure meter.

Great accuracy and convenience are provided by the Leica-Meter MR, which couples to the shutter speed dial of Leica "M" models. It sets the correct shutter speed automatically as you line up the exposure dial for a preselected f/stop. The Leica-Meter MR features a cadmium sulphide photo resistor with extreme sensitivity and has an angle of view which matches that of a 90mm lens. Thus, you can see exactly which part of the scene the meter is "reading" by looking through the 90mm bright-line frame of the Leica viewfinder.

The Metrastar CdS meter, made by Metrawatt of Nuernberg, W. Germany who also make the Leica-

Catalog Number

- LIGHT METERS Item
- Leica Meter MR, battery operated with CdS cell and 14.210 self-locking indicator needle. Has 27° angle of acceptance. Couples to speed dial of Leica "M" models. Complete with Mallory PX 13 "button" battery ......
- Metrastar CdS Meter. Ultrasensitive, handheld expo-14.250 sure meter with extremely wide measuring range. Has selective 18° acceptance angle and matching built-in viewfinder for accurate aiming and reading. Battery operated, one-hand operation. Complete with brown leather eveready carrying case, 43" flexible metal carrying chain and Mallory PX 625 button battery .....
- 14.231 Leica Meter 3 with booster cell, incident light attachments, retainer plate, carrying chain. Eveready case for meter and case for booster cell .....
- 14.230 Leica Meter 3 without booster cell, but with incident light attachment, retainer plate, carrying chain and Eveready case .....

#### REPLACEMENT AND ACCESSORY PARTS

14,215	Case for exposure meter MR	4.80
14,216	Mallory PX-13 battery for Leica Meter MR	.50
14,232	Booster Cell for Leica Meter 3 (or 2) with leather case	7.50
14,128	Mallory PX625 battery (with white ring) for Metrastar exposure meter (as replacement)	.75
14,233	Incident Light Attachment for Leica Meter 2 and 3	.75
14,234	Incident Light Attachment for bobster cell of Leica Meter 3	.90
14,235	Retaining Plate and carrying chain for Leica Meter 3	.75
14,239	Eveready Case for Leica Meter 3	1.80
14,238	Case for Leica Meter 3 and Leica Meter "MC" booster cell	.90
14,012	Shoe for mounting Leica Meters (except models "M", "MC" and "MR") on cameras of larger size	1.65

Meters, is an ultrasensitive, hand-held meter. It features a narrow (18°) measuring angle and a built-in reflex viewfinder to insure maximum accuracy in aiming the meter and reading the most important subject areas. Its extreme sensitivity range handles exposures at light levels ranging from moonlight to sunlight on the beach, by either the reflected or incident light method. A direct-reading dial provides fast, one-hand operation.

The Leica-Meter 3 is a small and handy seleniumcell meter which can be slipped into the accessory shoe of any Leica (and most other cameras) but which does not couple to the shutter dial. It can also be carried and used off the camera, and comes with a carrying chain and retainer plate for offcamera use. An accessory booster cell can be used to increase the meter's sensitivity for low-light use.

Retail Price



A filter, properly used, is a creative optical tool which can lift your pictures out of the ordinary and infuse them with drama. But, like a quality lens, a filter must be precisely made – from finest optical glass, carefully ground and polished. Most important of all, it must be thin, with plane-parallel surfaces to avoid disturbing the high correction of the camera lens. A cheap, poorly made filter can cancel out the skills of

#### BLACK-AND-WHITE FILTERS

Generally speaking, filters for black-and-white photography are used to control contrast and the rendition of colors as tones of gray in the final print. Scene colors complementary to that of the filter are rendered dark on the final print. Colors similar to that of the filter become a lighter gray than they would otherwise be. Thus, a yellow filter renders blue skies as a darker gray than they would be in a photo made without the filter. Orange and red filters act like the yellow filters but with increased effect, the red producing nearly black skies in a print.

A special filter like the infra-red is too dark for

Filters for color photography are of two general types: correction filters and conversion filters. The former are used to correct excess reddishness or bluishness when the light source is other than that for which the film is balanced. For instance, a picture made by the light of a clear flash bulb on Type "A" Kodachrome (which is balanced for photoflood lamps) would require a Leitz "Flash" filter to correct the relatively bluish flashlight to the response of the Type "A" indicated for photoflood lamps) would re-

Conversion filters "convert" the light for use with film normally intended for use under different lighting conditions. An example of this would be the use of the Leitz Type "A" filter

Polarizing filters can be used for either color or black-and-white photography, since they are neutral in color.

With a polarizing filter, you can minimize or

even the finest lensmakers.

Leitz filters for black-and-white photography are made from solid optical glass and ground thin (average: .066") to produce maximum sharpness. Polarizing and color-photography filters are laminated. This must be done to achieve the precise transmission characteristics necessary for color work.

use with ordinary film and are used only with films sensitive to infra-red. The UVa filter is used to reduce the effect of ultra-violet. All film is sensitive to these short wavelengths of light; without a filter, pictures made of distant scenes, or at high altitudes, lose contrast, because of scattered ultra-violet light. Other filters also absorb ultra-violet, but the UVa is colorless and needs no extra exposure.

The blue filter is used principally for copying to darken yellowed, faded writing or photographic images and thus to restore contrast. It has little use in general photography.

#### COLOR FILTERS

when Type "A" film is used outdoors in daylight. Leitz filters for color photography are:

#### Conversion:

TYPE "A": Used with Kodachrome Professional Type "A" film for photography outdoors in daylight.

PHOTOFLOOD: Used with daylight type films when the light source is photoflood bulbs.

#### Correction:

FLASH: Used when Type "A" film is exposed by clear flash bulbs.

SKYLIGHT: Used with daylight color films to absorb excessive blue found at high altitudes, at the shore and in open shade.

#### POLARIZING FILTERS

even eliminate reflections from the surfaces of water, show windows, furniture, etc. This type of filter is the only one which will darken the blue sky in color photographs without altering the color or tone in the rest of the scene.

		A-3	6**	E-3	9**	E-4	1 * *	S-4	3**	E-4	8**	E-5	B¢¢	E-8	5**
FILTERS FOR Leica Lenses	FILTER <sup>1</sup> FACTORS	28mm Summaron 28mm Hektor 35mm Elmar (/ 3.5 35mm Summaron++ 50mm Hektor 50mm Hektor 90mm Elmar++ 135mm Hektor++		21mm Super Angulon f/4 35mm Summicron 35mm Summaron‡ 50mm Elmar† 50mm Elmar† 90mm Elmar† 90mm Tela-Elmarit 135mm Tela-Elmarit		35mm Summilux 50mm Summarit 65mm Elmar		50mm Summilux		21mm Super Angulon f/3.4 <sup>3</sup> 90mm Summicron 90mm Thambar 200mm Telyt f/4.5		85mm Summarex 125mm Hektor 200mm Telyt f/4 280mm Telyt		400mm Telyt	
MOUNTING ME	ETHODS	CLAMPIN	G-SCREW	SCRE	W-IN	SCRE	W-IN	SCR	EW-IN	SCRE	W-IN	SCRE	W-IN	SCR	W-IN
Yellow O (light)	1.5	13,000	\$ 7.50	13,081	\$ 7.80	13,155	\$ 9.60			13,290	\$10.20	13,230	\$14.70	13,291	\$28.20
Yellow I (medium)	1.5 - 2	13,005	7.50	13,086	7.80	13,160	9.60	13,161	\$ 9.60	13,295	10.20	13,235	14.70	13,296	28.20
Yellow-Green (medium)	2-3	13,015	7.50	13,096	7.80	13,170	9.60	13,171	9.60	13,305	10.20	13,245	14.70	13,306	28.20
Blue (medium)	1.5	13,020	7.50	13,098	7.80	13,172	9.60	13,173	9.60	13,307	10.20				
Orange (medium dark)	3 — 5	13,025	7.50	13,101	7.80	13,175	9.60	13,176	9.60	13,310	10.20	13,250	14.70	13,311	28.20
Red (dark)	6 - 25		1	13,116	7.80	13,190	9.60	13,191	9.60	13,315	10.20	13,255	14.70	.13,316	28.20
Infrared (dark)	6 - 100 <sup>2</sup>	13,050	7.50	13,126	7.80	13,200	9.60	13,196	9.60	13,325	10.20	13,265	14.70	13,326	28.20
UVa Absorption (colorless)	1.2	13,055	7.50	13,131	7.80	13,205	9.60	13,206	9.60	13,330	10.20	13,270	14.70	13,331	28.20
Photoflood		13,065	9.00	13,141	9.00		1000								
Туре "А"		13,060	9.00	13,136	9.00	13,215	10.20	13,218	10.20	13,335	12.30	13,275	17.70		
Flash		13,070	9.00	13,146	9.00	13,225	10.20	13,228	10.20	13,345	12.30	13,285	17.70		
Skylight		13,075	9.00	13,151	9.00	13,220	10.20	13,221	10.20	13,340	12.30	13,280	17.70		
Polarizing (engraved mount)	2.5 - 3					13,360	25.50								
Polarizing (swing-out mount)	2.5 - 3			13,352+	30.00			13,351	30.00						

+ Cannot be used with 28mm or 21mm lenses, with or without adapter. These filters mount with clamping screws.

++ With 36mm flange diameter. + With 42mm flange diameter.

\*\* Letters designate: A=Slip-on; E=Screw-in. Numbers show the outer flange diameter of lenses accepting slip-on filters, or the outer thread diameter of screw-in filters.

1. For Panchromatic films; factors will vary with the light source and intended only as guides.

2. The amount of infrared light present in daylight varies continually. Several exposures of varying lengths should be made of each scene.

3. Lens hood also accepts Series 7 filters.

4. The 21mm Super-Angulon f/3.4 and 135mm Elmarit f/2.8 lenses accept standard Series VII filters.

# **LEICAFLEX FILTERS**

Number	Item				
	SERIES 6 FILTERS for 35- and 50mm lenses				
13,011	Orange (filter factor† 3-5)	\$ 9.60			
13,012	UVa (filter factor† 1.2)	9.60			
13,013	Yellow (filter factor† 2)	9.60			
13,014	Yellow-Green (filter factor† 2-3)	9.60			
13,358	Polarizing (filter factor† 2.5-3)	28.50			

#### SERIES 7 FILTERS for 90- and 135mm lenses

(Will also fit 21mm Super Angulon f/3.4 and 135mm Elmarit f/2.8 lenses for Leica M Cameras.)

13,008	Orange (filter factor† 3-5)	10.80
13,009	UVa (filter factor† 1.2)	10.80
13,006	Yellow (filter factor† 2)	10.80
13,007	Yellow-Green (filter factor† 2-3)	10.80
13,359	Polarizing (filter factor† 2.5-3) †For Panchromatic films. Factor will vary with light sour	30.00

#### **REPLACEMENT PARTS**

14,160	lenses accepting series 6 filters	2.40
14,161	Filter retaining ring for Leica, Leicaflex and Leicina lenses, accepting series 7 filters	2.40

# **CLOSE-UP PHOTOGRAPHY**

Close-up photography helps you to explore the world of the very small which is otherwise beyond the powers of the human eye.

We can divide close-up photographs into two groups: those taken with and without a microscope. Photography with the aid of a microscope (which in this application replaces the camera lens) is called photomicrography.

The normal minimum focus of most Leica lens mounts is 3½ feet or more, which limits their application to close-up work. However, much close-up photography can be done simply and conveniently with the 50mm Dual-Range Summicron lens, since it has a second, close-focusing range down to 19 inches, with focusing and framing done through the camera's range-viewfinder.

The Visoflex and the 65mm lens in the Universal Focusing Mount are an extremely simple and flexible combination for close-up work. Focusing and framing are done on the ground glass of the Visoflex and the focusing range is from infinity down to a 1:1 ratio of reproduction. Simple extension tubes can extend the close-up range still further.

The Visoflex with the Bellows II, however, combines simplicity with extreme versatility. It offers continuously variable extra lens extension through a great focusing range, with groundglass focusing and framing. A choice of adapter rings permits the use of most Leica lenses or lens units on the Bellows. Lenses from 65mm to 200mm (in proper adapters) will focus from infinity to the close-up range. Shorter focal lengths can be used with the bellows only in the close-up range.

Also available for the Visoflex are close-up adapters which are used with certain lens units directly on the reflex housing without the bellows.

Still other accessories for close-up and copying photography are available, providing various degrees of versatility. Some are used with the range-viewfinder system of the camera; others require groundglass focusing and framing. Still others provide fixed ratios of reproduction and areas of coverage and need not be focused visually at all.

#### VISOFLEX CLOSE-UP ACCESSORIES

The Visoflex is a prime tool for close-up photography with the Leica. Used with the Bellows, it is both convenient and versatile, not only for close-up photography, but, with most Leica lenses, for general photography as well.

The lens units of Leica lenses from 65mm to 200mm (except the 135mm Elmarit and 90mm Tele-Elmarit and Summicron) will focus in the Bellows from infinity down to ratios as large as 1.4:1, in the case of the 65mm lens.

For extreme close-ups within a limited range of focus, lenses of shorter focal length can also be adapted for use on the Bellows.

The Bellows is extremely rigid, and features backlash-free rack-and-pinion focusing. A second geared motion shifts Bellows and camera as a unit so that fine focusing can be done without changing the image-or field-size on the negative.

An engraved data-scale shows reproduction ratios and corresponding exposure increases for the 90mm Elmarit or Elmar lens heads. A second scale shows the actual Bellows extension in millimeters.

An accessory bellows-type lens hood is available which attaches to the lens flange in the same way as an ordinary Leica lens hood.

Also available for the Visoflex are a number of simple and inexpensive extension tubes which are used with certain Leica lenses to extend focusing into the realm of close-up photography. They do not require the use of the Bellows, and so, necessarily, do not offer as wide a focusing range as does the Bellows.

(The Visoflex is listed in a separate section of this catalog.)

# VISOFLEX CLOSE-UP; BELLOWS II

### VISOFLEX CLOSE-UP ADAPTERS AND

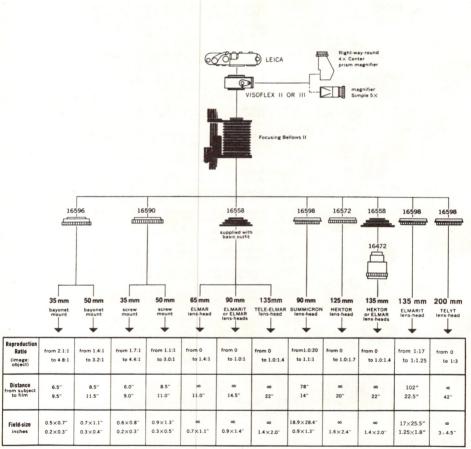
(The Visoflex is listed in a separate section)

		(The Visoflex is listed in a separate section)	
2	Catalog Number	Item	Retail Price
Ĩ	16,464	Universal Focusing Mount. Necessary with f/3.5 65mm lens on Visoflex II or III. Also adapts lens unit of 90mm Elmarit f/2.8 and 135mm Tele-Elmar f/4 to Visoflex II or III. With extension tube #16,472 it adapts lens unit of 135mm Hektor f/4.5 or f/4 Elmar to Viso- flex II or III.	\$ 39.00
(D)	16,471	<b>Extension Tube</b> for lens unit of 90mm Elmarit f/2.8, 135mm Tele-Elmar f/4 and 65mm Elmar t/3.5 lens. Fits Universal Focusing Mount #16,464 and adapts these lenses for extreme close-up photography. With Adapter Tube #16,472 it can also be used with the lens unit of the 135mm Elmar.	5.40
	16,472	Tube to thread into Adapter Ring #16,558, permitting use of the lens-heads of the 135mm Elmar or Hektor on Bellows II	5.40
	16,469	Extension Tube. Bayonets to front of Visoflex II or III; accepts bayonet-mounting Leica lenses (except short- mounted 90mm Summicron) for close-up photography	10.50
	16,468	Extension Tube for Short Focus Mount #16,467 (see Visoflex section) permitting focusing 90mm f/4 lens unit from 3'4" to 2'2"	2.85
	16,474	<b>Extension Tube</b> for short mounted 90mm Summicron f/2 lens for photography between 3'6" and 2'1"	5.40
		FOCUSING BELLOWS II	
	16,556	Focusing Bellows II, with Adapter Ring for lens units of the 90mm Elmarit or Elmar and the 65mm Elmar	102.00
6	16,557	Bellows-type Lens Hood for Focusing Bellows II and Leica lenses with 42mm (E 39) front diameter	30.00
)	13,154	Adapter Ring for using bellows-type lens hood with Leica lenses having 36mm (A 36) front diameter	4.95
	16,596	Adapter Ring for fitting bayonet-mounting 35mm and 50mm Leica lenses to Bellows II	9.90
	16,590	Adapter Ring for fitting screw-mounting 35mm and 50mm Leica lenses to Bellows II	4.50
	16,580	Special Extension Tube fitting 135 mm lens unit (except Tele-Elmar) to Adapter Ring #16,590	3.00
D	17,672	Adapter fitting lens units of 50mm Dual-Range and rigid-mount Summicron lenses to Bellows. Used with Adapter Ring #16,590	3.30
	16,558	Adapter Ring for fitting lens-heads of the 135mm Tele-Eimar, 90mm Elmarit or Elmar, and the 65mm Elmar to Bellows II. (This ring is supplied with the basic outfit)	6.30
-	16,598	Adapter Ring for fitting lens-heads of the 90mm Summicron, 135mm Elmarit f/2.8 and 200mm Telyt f/4 to Bellows II	5.10
A	16,572	Adapter Ring for fitting lens-head of the 125mm Hektor to Bellows II	3.60
	14,821	Case for Bellows II, Visoflex II and accessories	27.00
TIMIN	(The Vis	oflex and its lens mounts are described and listed in anot	her section.)
,821			



### THE EXTREME VERSATILITY OF THE FOCUSING BELLOWS II

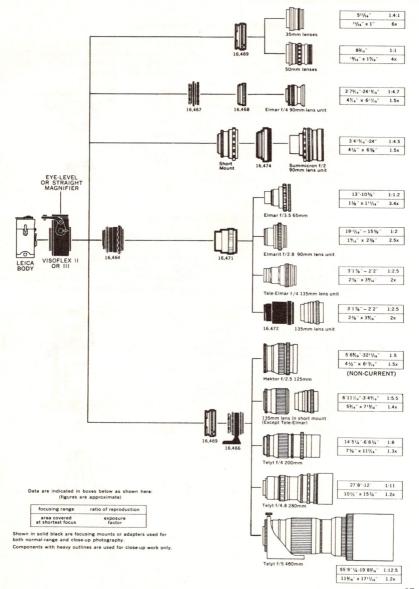
THIS CHART indicates the major combinations possible with this ultra-compact reproduction unit. Even greater image-magnifications than those indicated for the various lenses may, for example, be obtained by employing additional standard LEITZ extension-tubes. An ideal device for general copying and extreme close-up applications, the Focusing Bellows II provides both the precision required by technical and scientific workers and the simplicity of operation desired by the amateur.



The above figures have been rounded off for simplicity and are offered only for purposes of comparison.

### CLOSE-UPS WITH THE VISOFLEX SYSTEM

(Visoflex items shown below which are not listed in the Close-Up Section are in the Visoflex Section)



### RANGE-VIEWFINDER ATTACHMENTS; COPY STANDS, FIXED RATIOS

### RANGE-VIEWFINDER ATTACHMENTS

The Close-Focusing Device provides most 50mm Leica lenses with the focusing capabilities of the Dual-Range 50mm Surimicron. Mounted in it, Summicron or Elmar 50mm lenses focus down to 19 inches. At the same time, optical components of the accessory adapt the range-viewfinder system to permit focusing and framing in the close-up range.

Catalog Number	Item	Retail Price	
16,507	Close Focusing Device, bayonet-mounting; accepts bayonet-mounting collapsible 50mm lenses, and screw-mounting 50mm lenar 1/2.8. Focusing range from 2' 10.5" to 19" with ratios of reproduction from 1:15 (14" x 21") to 1.75 (7" x 10.5")	\$45.00	O
16,508	Adapter fitting lens unit of rigid-mount Summicron to Close Focusing Device #16,507 or Auxiliary Re- production Unit #16,526	3.60	16,507
16,509	Close Focusing Device #16,507, complete with Adapter #16,508 for use with lens unit of rigid 50mm Summicron	48.60	16,508

#### COPY STANDS, FIXED RATIOS

The Auxiliary Reproduction Unit and the Universal Copying Stand are designed to do photographic copying work at various, fixed ratios of reproduction. Subject area is clearly delineated by each of the units and focus is determined by the use of appropriate extension tubes and camera-height positions.

These close-up devices can also be used to photograph small objects, either in the studio or the field. Easily disassembled, they fit conveniently into a gadget bag for travel.

16,511	Universal Copying Stand for 1:1, 1:1.5, 1:2, and 1:3
	ratios. Adustable in height with bracket for camera
	Complete with 4 extension tubes, 3 field masks, 5)
	magnifier with ground glass housing to check focus
	Accepts any bayonet-mounting or screw-mounting
	Leica and any 50mm Leica lens

Item

16,526 Auxiliary Reproduction Unit, bayonet-mounting, for bayonet-mounting Leica cameras. Accepts bayonetmounting collapsible 50mm lenses, screw-mounting collapsible 50mm Summicron and Elmar f/2.8 and with adapter #16,508 the lens unit of the rigid or Dual-Range Summicron. Ratios of reproduction 1:4, 1:6 and 1:9 areas covered 4½% × 5¾", 5¾" x 8¼" and 8¼" × 11%" Retail Price \$78.00

52.50





Catalog Number Ordinary close-up work can be done from a regular or a table top tripod. But copying work, either in quantity, or when exact ratios and areas of reproduction are involved, is best done from a copying stand.

A copy stand includes a sturdy base, an upright and a movable carrying arm which holds the camera exactly parallel to the baseboard. Variable ratios of reproduction are achieved by raising or lowering the camera on the upright.

### COPY STANDS, VARIABLE RATIOS

Accessory carrying arms can be added to certain Leitz enlargers (after removing the enlarger head) to make excellent copy stands. Or, such copying stands may be purchased complete and used for enlarging later by adding an enlarger head.

For those who do a great deal of copy work, a special instrument is recommended – the Reprovit IIa.

#### FOCOMAT IC COPYING STAND

Catalog Number	Item	Retail Price
17,619	Focomat 1c Copying Stand, standard, baseboard 16 x 21" and upright, 40mm diameter, 32" high does not include carrying arm 17,624	\$66.00
98,155	Focomat 1c Copying Stand, Special. Large base- board 22 x 25", high upright 47", 40mm diameter does not include carrying arm 17,624	79.50
17,624	Carrying Arm for upright or Focomat 1c; converts enlarger to copying stand; supplied with angular align- ment adapter; accepts Visoflex III or II (with adapter), Bellows II or I (without adapter), Rack and Pinion Fine Adjustment for Focoslide or Bellows (with adapter), or Focoslide (with adapter)	22.50



Focomat Ic Copying Stand (Including Carrying Arm)

### **REPROVIT II**a

The Reprovit IIa is a universal copying tool, suitable for very nearly any kind of photographic reproduction work in quantity. Yet, despite its remarkable adaptability, sophistication and precision, it is so simple to use that even beginners produce high-quality work quickly and accurately with it.

The Reprovit IIa features:

- Continuous focusing range providing ratios of from 1:19 (18" x 27") to 1:1 (1" x 1<sup>1</sup>/<sub>2</sub>")
- · Electrically-controlled exposures to 60 sec.

- Electro-magnetic shutter release to eliminate vibration
- Four-lamp illumination for even, glare-free subject lighting
- Exact outlining of subject area by illuminated rectangle
- Special accessories available, such as framing boxes for copying thick originals (books), special lenses and carrying stages to produce magnified images of small originals (transparencies), etc.



Reprovit IIa





120.00

6.00

98.00

57.00

162.00

1.50

1.15

2.95



16,763



### **REPROVIT IIa**

Catalog Number	Item
16,789	Reprovit IIa Reproduction Outfit for "M" series Leica cameras. For recording both flat originals, either opaque or transparent, and solid objects at reproduc- tion ratios of from 1:19 to 1:1, using the 50mm Repro Focotar lens. Consists of copying stand, focusing stage with bellows and rack-and-pinion adustment, dia- phragm lever and operating guide, projection head with electromagnetic camera release, automatic elec- tric interval timer, four-lamp illuminator, 50mm Repro Focotar f/4.5 lens, and line cord. For 110v AC. operation only

#### ACCESSORIES AND PARTS

- 16,786 Small-Object Stage for copying 35mm transparencies and other small originals at ratios of 1:1 or at magnification
- 16,761 Framing Box (11%" x 16%") with clamping device for Reprovit IIa. Books and other material up to 5 inches thick are held flat against the glass top ......
- 16,763 Illuminating Box (14" x 16") for trans-illumination of material being photographed. A milk glass plate evenly diffuses the light from two 20 watt G.E. fluorescent tubes
- 16,797 Line Cord, 78" long, with push-switch, to connect Illuminating Box #16,763 to power outlet .....
- 16,780 **24mm Repro Summar** f/4.5 with adapter for Reprovit IIa. Magnification up to 6.5x are possible .....
- 16,781 Repro 50mm Focotar with click stops (Especially corrected for close distance.) Supplied with Reprovit Ila
- 98,211 Four-Lamp Illuminator with self-adusting anti-reflection curtains. Used to illuminate opaque copy. Supplied with Reprovit IIa #16,789
- 17,675 **Extension Ring** for converting Focotar lens which is supplied with Reprovit Ila to Focotar lens #17,581 for use with Valoy and Focomat Ic enlargers ......
- 98,210 Fluorescent Tube, 24" General Electric 20 Watt F20 T12/WWX for #16,763
- 98,588 Projection Bulb BEH 150W, 115-120V as replacement for Reprovit IIa projection head lamp

41

FOCOSLIDE

The Focoslide is a versatile copying and closeup accessory which can be used in the studio on a copying stand or on a tripod for field work.

The Focoslide accepts Leica "M" cameras on its sliding platform, and provides a groundglass screen which is in the same plane as the film. The lens is mounted below the groundglass, the subject focused and framed. For the exposure, the sliding platform brings the camera into position over the lens.

Extension tubes and adapters increase the versatility of the Focoslide still further.

### FOCOSLIDE EQUIPMENT

Catalog Number	Item	Retail Price
16,680	Focoslide accepting all bayonet-mounting Leicas	\$75.00

FOCOMOUNTS (Focusing lens mounts for the Focoslide. All are adjustable through a range of 22mm)

16,680

Catalog Number	Item	Retail Price
16,608	Focomount for screw or bayonet-mounting 50mm Elmar f/2.8 or bayonet-mounting 50mm Elmar f/3.5, adustable through a range of 1:12.5-1:2 (with Exten- sion Tube N 1:1.7-1:1)	21.00
16,688	Focomount with standard Leica thread 39mm-1, ac- cepting 50mm Focotar f/4.5 lens, adustable through a range of infiity – 1:2.5 (with Extension Tube N 1:2.2- 1:1.1)	21.00
16,685	Focomount for lens unit of the bayonet-mounting Dual- Range or rigid 50mm Summicron lenses, 1:60-1:2.2 (with Extension Tube N 1:1.9-1:1.1)	21.00
16,781	Repro 50mm Focotar f/4.5 lens with click stops. (Especially corrected for close distances)	57.00
17,675	Extension Ring for converting Focotar lens #16,781 to Focotar lens #17,581 for use with Valoy and Foco- mat Ic enlargers	1.50





16,685

### FOCOSLIDE ACCESSORIES

#### EXTENSION TUBES AND SUPPLEMENTAL EQUIPMENT FOR FOCOMOUNTS #16,608, #16,688, #16,685 AND NON CURRENT MODEL #16,609

Catalog Number	Item	Retail Price
	he following tubes have a standard 39-1mm Leica thread n be used on Focomount #16,688 with Repro Tube #16,6	
16,635	Extension Tube B (7mm)	\$ 4.20
16,640	Extension Tube F (15mm)	4.50
16,615	Repro Extension Tube (26mm) for Focomounts	4.80
16,645	Extension Tube G (30mm)	4.80
16,646	Extension Tube (45mm)	6.00
16,647	Extension Tube (60mm)	6.60
16,648	Extension Tube (90mm)	7.80
16,622	Diaphragm Adjusting Ring for 50mm Elmar f/2.8	12.00
16,686	Diaphragm Adjusting Ring for lens unit of 50mm Sum- micron f/2 rigid or Dual-Range	12.00
16,614	Filter Adapter Ring, permits use of 36.5mm screw-in filters on 50mm Summicron lens unit or 50mm Elmar f/2.8 lenses with Diaphragm Adjusting Ring in position	3.00
16,601	Adapter for mounting Focoslide on carrying arm of Valoy II enlarger	10.80

#### FOCUSING MAGNIFIERS

16,486	Wide-Field Magnifier (5X) (Also fits Visoflex I)	22.50
16,487	Wide-Field 45° Magnifier (4X). (Does not fit discon- tinued Focoslide for screw-mounting Leicas)	54.00





16,686



16,601





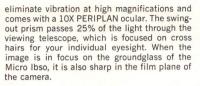
16,486

16,487

### PHOTOMICROGRAPHY WITH THE MICRO IBSO

The Micro Ibso attachment makes it simple and convenient to use the Leica for photomicrography. With this precision device, the Leica offers many advantages – among them; film economy, short exposures, and the ability to observe the specimen while the equipment is in place on the microscope and even while making the actual exposure.

The Micro Ibso replaces the lens on your Leica. The attachment and camera are then connected to the draw-tube of any standard microscope. The Micro Ibso has its own "X"-synchronized Ibsor shutter (1 to 1/125th, "T" and "B") to



The interchangeable conical tube of the Micro Ibso has a correction lens with a magnifying factor of  $\frac{1}{3}X$  or  $\frac{1}{2}X$ . These produce a magnification on the film that is  $\frac{1}{3}$ rd or  $\frac{1}{2}$  that seen by the eye through the microscope.



17,001



17,026

### MICRO-IBSO

Catalog Number	Item	Retail Price
17,001	Micro Ibso with bayonet-mounting 1/3X conical cor- rection tube and two cable releases	\$175.00
17,006	Micro Ibso with bayonet-mounting 1/2X conical cor- rection tube and two cable releases	179.00
17,026	Interchangeable Conical Tube (1/3X), with bayonet mount, for Micro Ibso	23.00
17,033	Interchangeable Conical Tube (1/2X), with bayonet mount, for Micro Ibso	27.00

#### ACCESSORIES FOR PHOTOMICROGRAPHY

Item	Retail Price
Cable Release (10 inches) with locking screw for bay- onet-mounting models	1.65
Cable Release with set-screw for operating prism. (As replacement)	3.00
Cable Release without set-screw for operating Ibsor shutter. (As replacement)	3.00
Double Release fitting cable releases of Micro Ibso Attachment. Simultaneously operates shutter and swing-out prism	16.00
	Cable Release (10 inches) with locking screw for bay- onet-mounting models     Cable Release with set-screw for operating prism. (As replacement)     Cable Release without set-screw for operating lbsor shutter. (As replacement)     Double Release fitting cable releases of Micro Ibso Attachment. Simultaneously operates shutter and

### RATIOS . AREAS COVERED . DEPTH OF FIELD . EXPOSURE FACTORS

(Based on 24 x 36 mm Leica Format)

		ENGL	ізн зүзт	EM				MET	RIC SYST	TEM			
RATIO Area in Inches Total Depth of Field in Inche						ies (	Area in mm	Tota	l Depth	of Field i	n Millime	ters	EXPOSURE
		1/4	1/5.6	1/8	1/11	f/16		1/4	1/5.6	1/8	1/11	1/16	FACTOR
1:20	18.9 x 28.4	4.41	6.18	8.85	12.1	17.7	480 x 720	112.0	156.8	224.0	308.0	448.0	1.1 X
1:18	17 x 25.5	3.59	5.05	7.17	9.94	14.4	432 x 648	91.2	127.7	182.4	250.8	364.8	1.1 X
1:17	16.2 x 24.2	3.22	4.50	6.43	8.85	12.8	408 x 612	81.6	114.2	163.2	224.4	326.4	1.1 X
1:16	15.1 x 22.6	2.86	4.02	5.72	7.90	11.4	384 x 576	72.5	101.6	145.1	199.5	290.1	1.1 X
1:15	14.2 x 21.3	2.52	3.53	5.05	6.95	10.1	360 x 540	64.0	89.6	128.0	176.0	256.0	1.1 X
1:14	13.2 x 19.8	2.21	3.09	4.41	6.08	8.84	336 x 504	56.0	78.4	112.0	154.0	224.0	1.1 X
1:13	12.3 x 18.5	1.91	2.68	3.83	5.28	7.66	312 x 468	48.5	68.0	97.1	133.5	194.1	1.2 X
1:12	11.3 x 16.9	1.64	2.30	3.28	4.50	6.55	288 x 432	41.6	58.2	83.2	114.4	166.4	1.2 X
1:11	10.4 x 15.6	1.39	1.94	2.77	3.82	5.56	264 x 396	35.2	49.3	70.4	96.8	140.8	1.2 X
1:10	9.45 x 14.2	1.15	1.62	2.32	3.18	4.62	240 x 360	29.3	41.1	58.7	80.7	117.3	1.2 X
1 :9	8.51 x 12.8	0.945	1.32	1.89	2.60	3.78	216 x 324	24.0	33.6	48.0	66.0	96.0	1.2 X
1:8	7.56 x 11.3	0.758	1.06	1.51	2.08	3.03	192 x 288	19.2	26.9	38.4	52.8	76.8	1.3 X
1:7	6.61 x 9.92	0.588	0.825	1.18	1.62	2.36	168 x 252	14.9	20.9	29.9	41.1	59.7	1.3 X
1:6	5.66 x 8.51	0.441	0.620	0.885	1.21	1.77	144 x 216	11.2	15.7	22.4	30.8	44.8	1.4 X
1:5	4.72 x 7.09	0.315	0.440	0.632	0.867	1.26	120 x 180	8.0	11.2	16.0	22.0	32.0	1.4 X
1:4	3.78 x 5.66	0.209	0.296	0.422	0.580	0.840	96 x 144	5.3	7.5	10.7	14.7	21.3	1.6 X
1:3	2.84 x 4.26	0.126	0.178	0.252	0.347	0.505	72 x 108	3.2	4.5	6.4	8.8	12.8	1.8 X
1:2	1.89 x 2.84	0.063	0.087	0.126	0.173	0.252	48 x 72	1.6	2.2	3.2	4.4	6.4	2.3 X
1:1.5	1.42 x 2.13	0.039	0.055	0.079	0.110	0.158	36 x 54	1.0	1.4	2.0	2.8	4.0	2.8 X
1:1.33	1.26 x 1.89	0.031	0.047	0.067	0.091	0.134	32 x 48	0.8	1.2	1.7	2.3	3.3	3.1 X
1:1	0.945 x 1.42	0.020	0.031	0.043	0.059	0.083	24 x 36	0.5	0.8	1.1	1.5	2.1	4 X
1.5:1	0.630 x 0.945	0.012	0.016	0.023	0.032	0.047	16 x 24	0.30	0.41	0.59	0.81	1.19	6 X
2:1	0.472 x 0.709	0.008	0.011	0.016	0.022	0.032	12 x 18	0.20	0.28	0.40	0.55	0.80	9 X
3:1	0.314 x 0.472	0.005	0.007	0.010	0.013	0.018	8 x 12	0.12	0.17	0.24	0.33	0.47	16 X
4:1	0.236 x 0.354	0.003	0.005	0.007	0.009	0.013	6 x 9	0.08	0.12	0.17	0.23	0.33	25 X
5:1	0.189 x 0.284	0.002	0.004	0.005	0.007	0.010	4.8 x 7.2	0.06	0.09	0.13	0.18	0.26	36 X
6:1	0.158 x 0.237	0.002	0.003	0.004	0.006	0.008	4.0 x 6.0	0.05	0.07	0.10	0.14	0.21	49 X
6.5:1	0.145 x 0.217	0.002	0.003	0.004	0.005	0.007	3.7 x 5.5	0.05	0.07	0.09	0.13	0.19	56 X
7:1	0.135 x 0.202	0.002	0.002	0.004	0.005	0.007	3.4 x 5.1	0.04	0.06	0.09	0.12	0.17	64 X
8:1	0.118 x 0.177	0.002	0.002	0.003	-0.004	0.006	3.0 x 4.5	0.04	0.05	0.08	0.10	0.15	81 X
9:1	0.105 x 0.158	0.001	0.002	0:003	0.004	0.005	2.7 x 4.0	0.03	0.05	0.07	0.09	0.13	100 X
10:1	0.094 x 0.142	0.001	0.001	0.002	0.003	0.005	2.4 x 3.6	0.03	0.04	0.06	0.08	0.12	121 X
	Circle of	confusi	on = 1/7	50 inch			Circ	le of cor	fusion -	= 1/30 n	nm		

### PROCESSING EQUIPMENT

### BULK LOADING EQUIPMENT

By bulk-loading your own film into Leica magazines, you can cut film costs to a minimum. What's more, you can enjoy the use of many interesting films which are normally not available in standard 35mm cartridges. Several precise, convenient accessories, which make bulk-loading a simple process, are offered as a part of the Leica System.

Catalog Number	Item	Ret
14,006	Film Magazine for all Leicas except 250 exposure model; with screw-cap plastic container	\$ 8
14,001	Film Magazine 14,006 but without container	7
14,010	Plastic Container with screw-cap for Film Magazines.	
14,015	Center Spool for Film Magazines	1
17,101	Hand Film Winder for loading bulk film into magazines.	1



#### RONDINAX DEVELOPING TANK

By processing your own films, you guarantee that they get careful development. What's more, you can choose from among scores of developers, experiment, exercise creative control over your negatives every step of the way.

The Rondinax tank is made from strong, shockresistant plastic, which helps to maintain an

Rondinax Daylight Loading Tank

17.130

even processing temperature during development

It is a daylight-loading tank. You can use it without a darkroom, process on the go during vacations or while traveling, and be sure that you have the pictures that you want.



17.130

ELDIA PRINTER

The Eldia Contact Printer makes positives of your 24x36mm Leica negatives on 35mm film strips. Or you can interchange its hinged masking window with an 18x24mm window for single-frame prints. The unexposed film is

24.00

loaded into a light-tight housing and advanced by turning a knob - a single click for a singleframe spacing, two clicks for double-frame. You can print your negatives in any sequence you want, exposing by an external light source.

17,900	Eldia Contact Printer for 35mm strips	36.00	
17,901	Interchangeable Window (18 x 24) for ELQIA printer.	6.90	



<sup>17,900 17,901</sup> 

### FOCOMAT Ic

Only by making enlarged prints can you bring out the full beauty and rich detail of a negative. But it is vital that your enlarger be as precise as the Leica itself. A poorly made enlarger or a questionable enlarging lens can destroy the potential of even the most highly corrected camera lenses.

So, Leitz enlargers are designed especially for use with 35mm negatives. They are precisely made, in the same factory as the camera itself, to rigid optical and mechanical standards. Special enlarging lenses, corrected for closedistance work, are available for the enlargers, or you may use your camera lens, if you prefer.

#### FOCOMAT Ic

Brilliant condenser lenses produce "parallel light" in the Focomat Ic to retain maximum detail. A special glass plate, treated to prevent the formation of Newton's Rings, fits between the lower condenser and the negative carrier. Various accessories are available including negative carriers of different sizes, orange filters, extension rings to increase the enlarging

range, filter holders for use with variable-contrast printing papers, adapters for Leica camera lenses, a perspective correcting device, and others.

A special Focomat Ic Color enlarger is also available. It contains a filter holder in the lamp head for color printing-filters, and an illuminated magnification indicator on the baseboard.

Catalog Number	Item	Retail Price
	FOCOMAT IC ENLARGER	
17,601	Focomat Ic Enlarger without lens, filter or easel	\$249.00
17,600	Focomat Ic Enlarger complete with 50mm Focotar f/4.5 lens, Orange Filter and 8 x 10 inch Enlarging Easel	354.00
17,602	Focomat Ic Color Enlarger. Same as #17,601 but with extra equipment for color printing consisting of filter holder for color filters and illuminated magnification indicator on baseboard	309.00
17,625	Focomat Ic Enlarger with 22 x 25 inch baseboard and upright 47 inches high, but without lens, filter or easel	264.00
17,626	Focomat Ic Color Enlarger. Same as #17,625 but with extra equipment for color printing, consisting of filter holder for color filters and illuminated magnification indicator on baseboard	324.00
17,641	Orange Filter for Focomat Ic	4.50
17,636	Filter Holder for Focomat Ic. Accepts filters for use with variable contrast enlarging papers	9.90



## **FOCOMAT ACCESSORIES**

Retail Price





Catalog Number

17,581









17,670



17,640 17,645



17,650

17,581	<b>50mm Focotar f/4.5 Enlarging Lens</b> for Valoy II and Focomat Ic. Coated, with click stops. Specifically corrected for enlarging and reproduction work	\$ 63.00
16,615	Repro Extension Tube, 26mm, with standard Leica thread. Used between lens and lensboard to increase printing range of Valoy II and Focomat Ic. (Two rings = 1:1)	4.80
17,675	Extension Ring for converting Focotar lens supplied with Reprovit IIa to Focotar lens #17,581	1.50
17,671	Bayonet Adapter, adapting bayonet-mounting 50mm Elmar lens to Valoy and Focomat I, Ia, and Ic enlarg- ers (accepts rear bayonet of lens in collapsed position)	4.50
17,672	Adapter, fitting lens units of the Dual-Range and rigid- mount Summicron lenses to Valoy II and Focomat Ic enlargers	3.60
17,665	Newton's Rings Eliminator with 24 x 36mm aperture. Used on condenser of Focomat Ic and Valoy II en- largers to prevent Newton's Rings	4.50
17,670	Film and Plate Holder for single film strip or 2 x 2 inch lantern slide plate. Converts Valoy II or Focomat Ic to a single exposure copying camera	14.50
17,639	Condenser Type "N", clear surface, for Focomat Ic enlargers, as replacement. Also required for older Focomats when Glass Pressure Plate #17,652 is to be used	13.50
17,652	Glass Pressure Plate, with spacer ring. Treated sur- face prevents Newton's rings. Used with condenser marked "N"	10.20
17,655	Perspective Corrector for Valoy II or Focomat Ic. Com- plete with Tilting Negative Carrier Holder, Hinged Negative Carrier and Tilting Easel Holder	63.00
17,640	Tilting Negative Carrier Holder supplied with Per- spective Corrector. Has two ball and socket spring clips for holding Hinged Negative Carrier, two ad- justing nuts and two clamping screws	22.50
17,645	Hinged Negative Carrier supplied with Perspective Corrector. A glass and metal sandwich with 24 x 36mm aperture fitting Tilting Negative Carrier Holder	7.50
17,650	Tilting Easel Holder supplied with Perspective Cor- rector. Base has metal dovetail grooves fitting quick clamping device of Focomat Ic. Tilting standard has dovetail Sider fitting grooves of Focomat and Valoy II easel	33.00
17,661	<b>Bayonet Collar</b> for bayonet-mounting 50mm Elmar f/3.5 and all Elmar 50mm f/2.8 lenses. Necessary when using lens in enlarger with Perspective Corrector	3.90

Item ACCESSORIES FOR FOCOMAT IC AND FORMER VALOY II

### NEGATIVE CARRIERS

Catalog Number	Item		Retail Price
IN	TERCHANGEABLE MASKING NEGATIVE CARRI FOR FOCOMAT IC DISCONTINUED	ER	S
	VALOY II AND FOCOMAT IA ENLARGERS		
17,514	Negative Carrier for 8 x 11mm (Approx. 5/16" x 7/16") negatives	\$	6.00
17,517	Negative Carrier for 12x17mm (Approx. 1/2" x 3/4") negatives		6.00
17,516	Negative Carrier for 18 x 24mm (Approx. 11/16" x 15/16") negatives		6.00
17,521	Negative Carrier for 24 x 24mm (Approx. 15/16" x 15/16") negatives		6.00
17,526	Negative Carrier for 24 x 36mm (Approx. 15/16" x 1-13/32") negatives		6.00
17,642	Negative Carrier for 28x28mm (Approx. 13/2" x 13/32") negatives		6.00
17,531	Negative Carrier for 3 x 4cm (Approx. 1-3/16" x 1-9/16") negatives		6.00
17,536	Negative Carrier for 4 x 4cm (Approx. 1-9/16" x 1-9/16") negatives		6.00
17,540	Metal Negative Mask. Used with Hinged Double Glass Plate #17,545		3.00
17,545	Hinged Double Glass Plate (3.5 x 12cm) (Approx. 1-3/8" x 4-11/16"). Used with Metal Negative Mask #17,540		7.20
17,565	Hinged Double Glass Plate (5 x 16cm) (Approx. 1-15/16" x 6-3/8") used when enlarging a single negative or short strip cut from a roll of 3 x 4cm (Approx. 1-3/16" x 1-9/16") or 4 x 4cm (Approx. 1-9/16" x 1-9/16") negatives. To be used with Nega- tive Mask #17,555 or #17,560		7.80
17,555	Metal Negative Mask with 3 x 4cm (Approx. 1-3/16" x 1-9/16") aperture. To be used with Glass Negative Holder #17,565		3.00
17,560	Metal Negative Mask with 4 x 4cm (Approx. 1-9/16" x 1-9/16") aperture. To be used with Glass Negative Holder #17,565		3.00

### FOCOMAT IIC & ACCESSORIES

#### FOCOMAT IIc

The autofocus Focomat IIc enlarger is ideal for professional darkrooms or photo laboratories. It has two turret-mounted lenses of different focal lengths for extra versatility and also accepts a wide range of accessory equipment. As with the Focomat Ic, there is also available a special model of the Focomat IIc for color printing.





16.617

17,876



17.885

# MASKS, EASELS & BULBS

Catalog Number	Item	Retail Price
	INTERCHANGABLE NEGATIVE MASKING PLAT FOR FOCOMAT IIC ENLARGER	ES
17,897	Negative Masking Plate for 12x17mm (Aprox. ½" x ¾") negatives	2.40
17,899	Negative Masking Plate for 18x24mm (Approx. 11/16" x 15/16") size	2.40
17,887	Negative Masking Plate for 24 x 24mm (Approx. 15/16" x 15/16") size	2.40
17,898	Negative Masking Plate for 26x26mm (Approx. $1'_{32}$ " x $1'_{32}$ ") negatives	2.40
17,888	Negative Masking Plate for 24 x 36mm (Approx. 15/16" x 1-13/32") size (as replacement)	2.40
17,889	Negative Masking Plate for 3 x 4cm (Approx. 1-3/16" x 1-9/16") size	2.40
17,890	Negative Masking Plate for 4 x 4cm (Approx. 1-9/16" x 1-9/16") size	2.40
17,891	Negative Masking Plate for 4.5 x 6cm (Approx. 1- 13/16" x 2-3/8") size	2.40
17,892	Negative Masking Plate for 4 x 6.5cm (Approx. 1- 9/16" x 2-9/16") size	2.40
17,893	Negative Masking Plate for 6 x 6cm (Approx. 2-3/8" x 2-3/8") size (as replacement)	2.40

### ENLARGING EASELS

These easels have adjustable masking bands and margin stops, a white surface for focusing the projected image and metal dovetail grooves fitting the quick clamping device of the Focomat enlargers.

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17,585	Enlarging Easel 8 x 10 inches	37.50
17,630	Enlarging Easel 12 x 16 inches. This easel is thicker than $\pm 17,585$ and is supplied with a spacer ring that is to be placed on the enlarger upright raising the lamp housing the proper distance	99.00
	ENLARGER BULBS	
17,690	Opal Bulb (75 watt) for all enlargers. (Imported)	1.20
17,691	Opal Bulb (150 watt) for all enlargers (Imported)	1.20
	Standard domestic bulbs may be used but the imported bulbs give better results.	
17,692	Aktina High Efficiency Opal Lamp (250 watt) for Focomat Ic, Ila, and IIc. The lamp should be used with a voltage reducer	2.40
17,695	Voltage Reducer for Aktina High-Efficiency Lamp. Dims lamps while focusing and burns at full intensity during exposure; complete with voltmeter and switch for 110/220 volts A.C. or D.C.	68.00
17,895	Bulb for magnification indicator of Focomat IIc color enlarger (as replacement)	.90
17,896	Bulb, 15 watt, for negative-alignment light box of Focomat IIc and Focomat IIc Color enlargers (as re- placement)	.60

### PUBLICATIONS

Few photographers can be expert in all of the many aspects of Leica work. But, through books, the experience and advice of these outstanding experts are available to help you to greater enjoyment of our photography.

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Leica Photography is published quarterly by E. Leitz, Inc. New York. For details, write to:

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An English edition of the German bi-monthly Leica Fotografie is distributed in the U.S. and its possessions by E. Leitz, Inc. Subscription prices are:

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2	years (12	issues)		8.25
3	years (18	issues)	 1	12.00

#### BOOKS

More books have been published, in English and foreign languages, on the Leica and its use than on any other camera. The more outstanding of these are listed here and you may get them from your Leica Dealer. Do not write to E. Leitz, Inc.

Catalog Number	Item	Retail Price
98,011	Leica Manual and Data Book. (New 14th Edition, pub- lished May 1961). An authoritative book on the Leica, its accessories and their uses. Has 456 pages covering all branches of Leica photography. Data on all Leicas including the M 3. Charts, tables. Cloth bound	\$ 6.95
98,016	The Leica Way by Andrew Matheson. A 431-page illus- trated book packed with information on the construc- tion and use of the Leica, its lenses and accessories. The Leica "M" models are fully discussed as well as discontinued models of the Leica. 64 pages of photo- graphs; many diagrams, tables and formulas. Sixth Edition; cloth bound	6.90
98,019	Leicaflex Guide, a 135-page illustrated paperback guide by Andrew Matheson	1.95
98,013	The Leica and the Leica System by Theo. M. Scheerer. Hard covers with 134 black-and-white and nine color illustrations	5.40
98,024	Leica Instruction Book for model M 2	.35
98,022	Leica Instruction Book for model M 3	.35
	Free Product Literature available on request	

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