

Minolta Electro Shot

electronic automation in a top-quality 35mm rangefinder camera
... plus "Flashmatic" for automatic flash photography

The Minolta Electro Shot, with its six transistor, three diode electronically programmed, electronically precise shutter, offers the ultimate in 35mm camera automation. Even flash is automatic. And precision workmanship, an array of advanced features and a superb Rokkor lens add up to performance worthy of far more expensive cameras.

a quick guide to the Minolta Electro Shot

- ☐ fully automatic electronically programmed shutter, incorporating six transistors and three diodes
- ☐ foolproof point, focus and shoot automatic operation... sets itself electronically for optimum shutter speed/aperture combination
- ☐ automatic flash setting with "Flashmatic"... simply set guide number on lens

- ☐ "in-the-lens" cadmium sulphide electric eye automatically compensates for filters; ASA 25 to 400
- ☐ Rokkor 6-element 40mm f/1.8 lens
- ☐ super-imposed rangefinder; focusing from 2.6 feet to infinity
- ☐ "insufficient light" warning signal in finder; built-in battery check

- ☐ M-X flash synchronization
- ☐ built-in accessory hot shoe for cordless flash contact... flash terminal for cord contact
- ☐ single-stroke film advance; auto-reset frame counter
- ☐ cut-away film chamber



camera complete: #3531/3532
camera case only: #3532

Precision Features of the Minolta Electro Shot

1 Auto-Reset Frame Counter Returns to "start" when back is opened. Frames "20" and "36" marked in red to signal end of roll, depending on film used.

2 Geared Film Advance Thumb-activated lever covers 220° in a single full stroke or a series of multiple strokes. Simultaneously advances film counter and film, cocks shutter and prevents double exposure.

3 Shutter Release Extremely smooth because of electronic shutter. Threaded for standard cable release.

4 Built-In Hot Shoe Permits direct, cordless flash contact for use with Minolta Duo-Fit or Flashcube guns. Accepts any shoe-mounted accessory.

5 Rapid Rewind Crank Pulls up for fast film rewind; folds flush when not in use.

6 Strap Lugs Specially designed for optimum camera balance and safety.

7 Fully Automatic Operation When "A" mark and arrow are aligned on the lens barrel, the electronic shutter system automatically makes all adjustments for perfect exposure by providing the optimum combination of aperture (f/1.8 to f/16) and shutter speed (1/15th to 1/500th sec.) for varying light conditions. Its EV range is 5.7 to 17, with EV 17 equal to f/16 at 1/500th second with all film speeds.

8 Focusing Ring Controlled by lever on bottom of lens barrel. Marked from 2.6 feet to infinity and 0.8 meters to infinity.

9 Flashmatic Setting guide number on lens barrel automatically adjusts shutter for operation at 1/25th sec. flash sync speed. Once guide number is set, the "range" of the focusing lever is automatically shortened or lengthened. If the user cannot obtain a sharp focus within the automatically set limits, he must move toward or away from the subject or use a higher or lower flash output to obtain proper flash exposure. Guide number range, engraved on lens barrel ring, is 32 to 260, equivalent to 2.6 to 33 feet.

10 Built-In Self Timer 10-second delay permits self-filming, activated when shutter-release button is pressed.

11 Rokkor 40mm f/1.8 Lens Fast six-element lens is made in Minolta's own factories—from raw materials to finished mount—to the world's highest standards of optical precision. Features exclusive "Achromatic" double coating for warmer, more vibrant color.

12 "In-the-Lens" Cadmium Sulphide Electric Eye Extremely sensitive CdS cell is strategically positioned inside the lens barrel to measure light as the lens sees it. Filters go in front of cell to eliminate need for filter compensation. 25° angle of coverage. Powered by mercury battery.

13 Super-Imposed Rangefinder Tinted viewfinder shows double image which "snaps" into a single, sharp image when picture is correctly focused. Bright frame lines show actual area of exposure in vertical or horizontal format.

14 Viewfinder Warning Signal When shutter release button is depressed half-way, a bright light appears in the right side of the viewfinder if light is insufficient for proper exposure. Also lights to show good battery condition when battery check button is pressed. (not shown)

15 Flash Synchronization Terminal Accepts standard PC connecting prong and cord. (not shown)

16 Tripod Socket Threaded to accept standard tripod mount.

17 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when film lever is advanced.

18 Focusing Lever Oversized for rapid helicoid focusing from 2.6 feet to infinity and 0.8 meters to infinity, with distance scale engraved on top of lens barrel for rapid reading while shooting. Coupled to "Flashmatic" system so that "range" is automatically shortened or lengthened to provide "sharp focus" limits at any set guide number.

19 ASA Control Knurled ring permits rapid setting of ASA from 25 to 400 (DIN 15 to 27). Coupled to CdS cell for automatic compensation for changes in film speed.

20 Battery Check Button When pushed forward, the warning light in viewfinder goes on to indicate good battery condition.

21 Viewfinder Eyepiece Finished in black to eliminate glare.

22 Battery Chamber Holds one standard mercury battery to power CdS cell (Mallory RM-IR or equivalent).

23 Positive Back Lock Slide device prevents accidental opening.

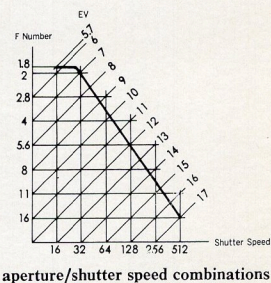
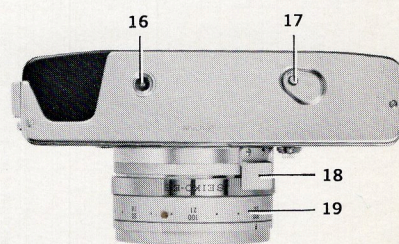
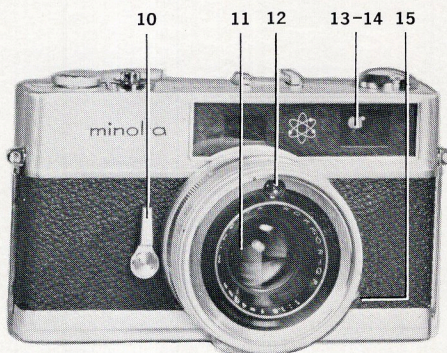
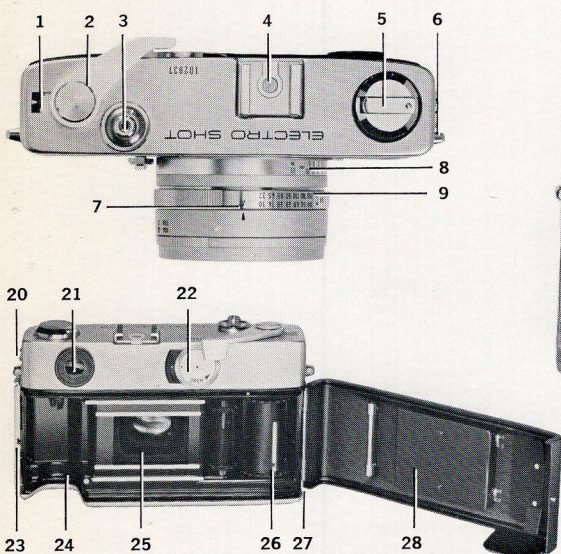
24 Cut-Away Film Chamber Permits fast, easy loading; standard 35mm cartridge slides in without fumbling.

25 Electronic Programmed Shutter Operation based on the completion of an electrical circuit between six transistors, three diodes, condenser, battery, electromagnet and CdS cell. Only one set of blades simultaneously controls both the duration and size of aperture opening, equivalent to a combination of shutter speed and diaphragm opening in conventional cameras. As a result, the Electro Shot is remarkably quiet and does not produce the sharp "clicking" sound associated with conventional shutters. Equivalent operating ranges are from f/1.8 to f/16 and 1/15th to 1/500th second (not shown). The programmed shutter speed/aperture combinations are outlined in detail in the chart below.

26 Film Take-Up Spool Double-slotted for faster and easier threading.

27 Hinged Back Opens fully for easy access to film chamber.

28 Pebble Pressure Plate Unique pebble design provides maximum pressure with minimum film contact.

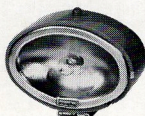
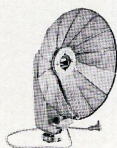
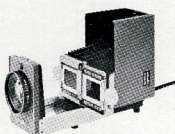


Accessories for the Minolta Electro Shot

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment", page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical AG-1 bulbs. Has direct contact for cordless use with hot-shoe cameras such as the Electro Shot... plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Lens Cap (#3561). Protects lens and built-in CdS cell; conserves battery power. (not shown)

Lens Hood (#3541). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3532). Standard equipment with the Minolta Electro Shot. Hard, reinforced leather to provide maximum protection. (not shown)

Minolta Flashcube Gun (#8001). Fits all hot-shoe contact cameras to provide cordless flash. Accepts standard flashcube for four flash pictures without changing bulbs. Uses two batteries (Mallory MN-9100 or equivalent).

Filters Solid glass filters made to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3511
Yellow: #3512

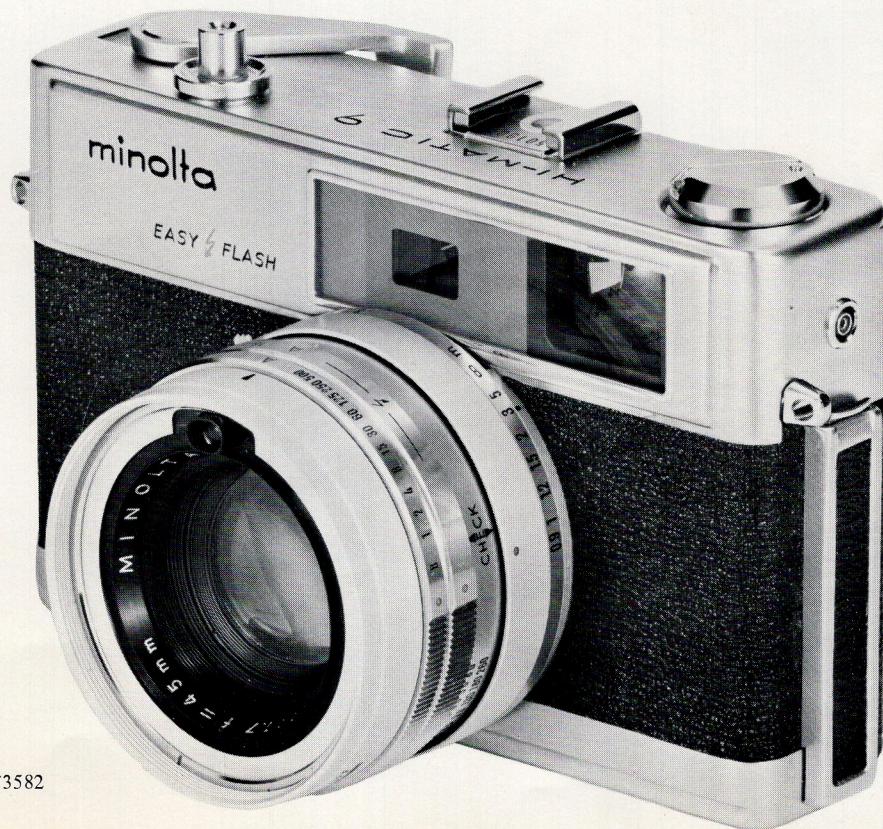
Minolta Hi-matic 9

**world's most advanced 35mm rangefinder camera . . .
combining 3-way exposure control with simplified flash and loading systems**

The Minolta Hi-matic 9 offers a combination of advanced features never before found in a single 35mm rangefinder camera. These include automatic, semi-automatic and manual exposure control, a simplified and virtually foolproof film loading system and an "Easy Flash" device that completely eliminates the calculations normally required for flash photography. It is both a foolproof "aim, focus and shoot" camera and a precision photographic instrument capable of professional versatility.

a quick guide to the Minolta Hi-matic 9

- ☐ exclusive 3-way exposure operation provides fully automatic, semi-automatic and manual control
- ☐ exclusive "CLC" exposure control automatically compensates to prevent under-exposure of dark areas
- ☐ "in-the-lens" cadmium sulphide electric eye automatically sets camera for perfect exposure, even with filters, for all films ASA 25 to 800
- ☐ automatic flash with "Easy Flash" system . . . simply set guide number on lens; as camera is focused, aperture is automatically adjusted for correct flash exposure
- ☐ exclusive "SLS" system simplifies loading, includes special window that shows when film is properly loaded and when it has been returned safely to cartridge
- ☐ Rokkor 6-element 45mm f/1.7 lens
- ☐ super-imposed rangefinder; focusing from 3 feet to infinity
- ☐ viewfinder shows EV scale, warning signals for too much or too little light, "correct flash" signal and battery check mark
- ☐ automatic parallax correction
- ☐ shutter speeds from 1 to 1/500th sec. plus "B"
- ☐ M-X flash synchronization
- ☐ built-in accessory hot shoe for cordless flash contact . . . flash terminal for cord contact
- ☐ single-stroke film advance; auto-reset frame counter
- ☐ cut-away film chamber



camera complete: #3581/3582
camera case only: #3582

Precision Features of the Minolta Hi-matic 9

1 Auto-Reset Frame Counter Returns to "start" when back is opened. Frames "20" and "36" marked in red to signal end of roll, depending on film used.

2 Geared Film Advance Thumb-activated lever covers 220° in a single full stroke or a series of multiple strokes. Simultaneously advances film counter and film, cocks shutter and prevents double exposure.

3 Shutter Release Threaded for standard cable release.

4 Built-In Hot Shoe Permits direct, cordless flash contact for use with Minolta Duo-Fit or Flashcube guns. Accepts any shoe-mounted accessory.

5 Rapid Rewind Crank Pulls up for fast film rewind; folds flush when not in use.

6 Strap Lugs Specially designed for optimum camera balance and safety.

7 Focusing Ring Controlled by lever on bottom of lens barrel. Marked from 3 feet to infinity and from 0.9 meters to infinity.

8 Built-In Self Timer 10-second delay for self-filming.

9 EV Window For Semi-Automatic Operation When the automatic control system of the Hi-matic 9 is disengaged, the electric eye remains operative and an "EV" number appears on a scale in the viewfinder. This number changes in response to changes in shutter speed or aperture, either of which may be set first. When the number on the viewfinder scale is set in the EV window, the camera is set for correct exposure. When an EV number is set in the window, its equivalents in terms of shutter speed and aperture appear on their respective scales on the lens barrel. This permits use of the CdS electric eye as an independent exposure meter for another camera.

10 "Auto" Release Button Frees diaphragm and shutter speed rings for independent operation during manual or semi-automatic exposure control.

11 Aperture Scale To set diaphragm opening from f/1.7 to f/16 during semi-automatic or manual operation.

12 Fully Automatic Operation When both "A" marks are aligned with the pointer, the programmed shutter will automatically set itself at the optimum combination of aperture and shutter speed, leaving nothing to do but aim, focus and shoot. On automatic operation, the electric eye system is programmed over a range of EV 5.7 (f/1.7 at 1/15th sec.) to EV 17 (f/22 at 1/250th sec.). The pointer on the lens barrel also serves as a guide to aligning any combination of aperture and shutter speed during semi-automatic or manual operation.

13 Shutter Speed Scale Used to set shutter speeds from 1 to 1/500th second plus bulb during semi-automatic and manual operation. 1/30th second engraved in red for synch with M class bulbs. Camera may be set at any speed for electronic flash synchronization.

14 Battery Check Battery condition may be checked by aligning the three green "check" dots (on the focusing ring, aperture ring and diaphragm ring) with the "check" pointer on the lens barrel. If battery is operating properly, the alignment will cause the needle in the viewfinder to swing to a check position on the scale between EV 9 and 11. (not shown)

15 Rokkor 45mm f/1.7 Lens Fast enough for available light photography under most conditions, this six-element lens is made in Minolta's own factories—from raw materials to finished mount—to the world's highest standards of optical precision. Features exclusive "Achromatic" double coating for warmer, more vibrant color.

16 Exclusive "CLC" Electric Eye Eliminates poor exposure due to high contrast. In such situations, or at any time where light distribution is uneven, the "CLC" system (Contrast Light Compensator) will automatically compensate to prevent under-exposure of the darker area. Strategically positioned inside the lens barrel to measure light as the lens sees it. Filters go in front of cell to eliminate need for filter compensation. 23° angle of coverage. Powered by mercury battery.

17 Super-Imposed Rangefinder Tinted viewfinder shows double image which "snaps" into a single, sharp image when picture is correctly focused. Automatic parallax compensation with bright frame lines to show actual area of exposure.

18 Viewfinder Scale Easy-to-see scale shows large, bright EV numbers from 5.7 to 17 for use during semi-automatic operation.

19 Easy Flash System Once the guide number and shutter speed are set on the lens barrel, aperture is set automatically for proper flash exposure as the Hi-matic 9 is focused. As the focusing lever is moved, the viewfinder indicator needle will remain within the "safe flash" area (between EV 9 and 11) of the viewfinder scale so long as aperture and focusing range are correct for flash exposure. If the range from camera to subject is either too close or too distant for correct flash exposure the needle will move up to the red warning area at the top of the scale. This is a signal to move toward or away from the subject or use a higher or lower flash output.

20 Insufficient Light Signals Instantly visible on viewfinder scale. Needle moves into red zone at top to show too little light or into red zone at bottom to show too much light for correct exposure.

21 Battery Chamber Holds one standard mercury battery to power CdS cell (Mallory RM 625 or equivalent).

22 Tripod Socket Threaded to accept standard tripod mount.

23 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when film lever is advanced.

24 Focusing Lever Oversized for rapid helicoid focusing from 3 feet to infinity and 0.9 meters to infinity, with distance scale engraved on top of lens barrel for rapid reading while shooting. Coupled to "Easy Flash" system to automatically adjust aperture for correct flash exposure and show "safe flash" focusing range on viewfinder scale.

25 Guide Number Scale Used to set guide number during "Easy Flash" operation. Range is 32 to 260, equivalent to 2.6 to 33 feet, set in click stops.

26 Meter "Off" Control Turn meter circuit off to conserve battery power.

27 ASA Scale Has click stops for setting ASA from 25 to 800 and DIN from 15 to 30.

28 Flash Synchronization Terminal Accepts standard PC connecting prong and cord. (not shown)

29 Viewfinder Eyepiece Finished in black to eliminate glare.

30 Exclusive Simplified Loading System Unique "SLS" window shows a red color band which moves as film is exposed, serving as an immediate check against the possibility of improper film threading. Red band disappears when exposed film has been fully rewound, thus indicating that all film has been returned to the cartridge. A 4-slotted take-up spool eliminates fumbling and speeds film loading.

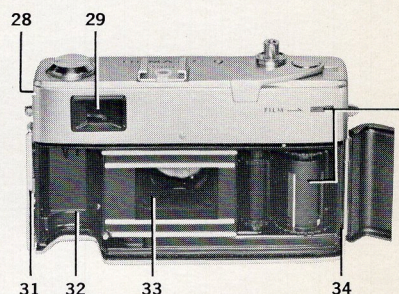
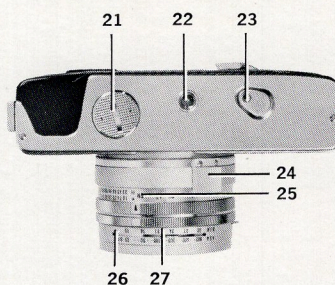
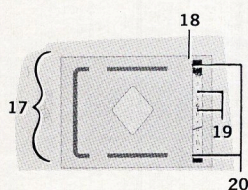
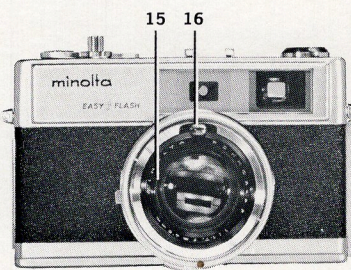
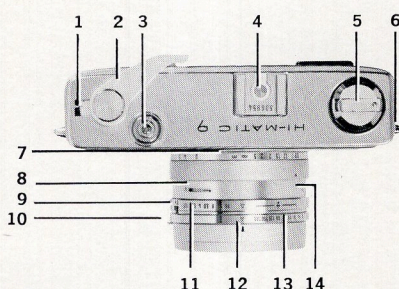
31 Positive Back Lock Slide device prevents accidental opening.

32 Cut-Away Film Chamber Permits fast, easy loading in conjunction with "SLS" system. Accepts standard 20 or 36-exposure 35mm cartridges.

33 Programmed Shutter Operates over a range of 1/15th to 1/250th sec. (EV 5.7 to 17) in fully automatic operation and from 1 to 1/500th sec. plus "B" during semi-automatic and manual operation. (not shown)

34 Hinged Back Opens fully for easy access to film chamber.

35 Pebble Pressure Plate Unique design provides pressure with minimum film contact. (not shown)

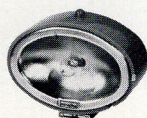
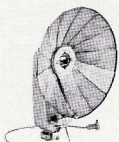
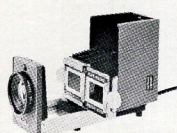


Accessories for the Minolta Hi-matic 9

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment," page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical AG-1 bulbs. Has direct contact for cordless use with hot-shoe cameras such as the Hi-matic 9... plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Minolta Flashcube Gun (#8001). Fits all hot-shoe contact cameras to provide cordless flash. Accepts standard flashcube for four flash pictures without changing bulbs. Uses two batteries (Mallory MN-9100 or equivalent).

Filters Solid glass filters made to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3511
Yellow: #3512

Lens Cap (#3561). Protects lens and built-in CdS cell. (not shown)

Lens Hood (#3541). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3582). Standard equipment with Minolta Hi-matic 9. Hard, reinforced leather to provide maximum protection. (not shown)

Printed in U.S.A.

Minolta Hi-matic 7s

**Minolta's lowest-priced fully automatic 35mm camera,
with versatility and workmanship that put it way ahead of
everything else in its price class**

Advanced features, combined with famed Minolta craftsmanship, make the Hi-matic 7s a top value among 35mm rangefinder cameras. It includes many Minolta exclusives, such as versatile 3-way exposure control, an "SLS" system for easy, foolproof loading and a precision-ground Rokkor lens.

a quick guide to the Minolta Hi-matic 7s

- ☐ exclusive 3-way exposure operation provides fully automatic, semi-automatic and completely manual control
- ☐ strategically positioned "in-the-lens" cadmium sulphide electric eye automatically sets camera for perfect exposure, even with filters, for all films ASA 25 to 800
- ☐ exclusive "CLC" exposure control automatically compensates to prevent

- under-exposure of dark areas
- ☐ exclusive "SLS" system simplifies loading, includes special window that shows when film has been returned safely to cartridge
- ☐ Rokkor 6-element 45mm f/1.8 lens
- ☐ super-imposed rangefinder; focusing from 3 feet to infinity
- ☐ bright viewfinder shows EV scale and warning signals for too little or too much light

- ☐ automatic parallax correction
- ☐ shutter speeds from 1/4 to 1/500th sec. plus "B"
- ☐ M-X flash synchronization
- ☐ built-in accessory hot shoe for cordless flash contact . . . flash terminal for cord contact
- ☐ single-stroke film advance; auto-reset frame counter
- ☐ cut-away film chamber



camera complete: #3501/3502
camera case only: #3502

Precision Features of the Minolta Hi-matic 7s

1 Auto-Reset Frame Counter Returns to "start" when back is opened. Frames "20" and "36" marked in red to signal end of roll, depending on film used.

2 Geared Film Advance Thumb-activated lever covers 220° in a single full stroke or a series of multiple strokes. Simultaneously advances film counter and film, cocks shutter and prevents double exposure.

3 Shutter Release Threaded for standard cable release.

4 Built-In Hot Shoe Permits direct, cordless flash contact for use with Minolta Duo-Fit or Flashcube guns. Accepts any shoe-mounted accessory.

5 Rapid Rewind Crank Pulls up for fast film rewind; folds flush when not in use.

6 Strap Lugs Specially designed for optimum camera balance and safety.

7 Focusing Ring Controlled by lever on bottom of lens barrel. Marked from 3 feet to infinity and from 0.9 meters to infinity.

8 Built-In Self-Timer 10-second delay for self-filming.

9 "Auto" Release Button Frees diaphragm and shutter speed rings for independent operation during manual or semi-automatic exposure control.

10 EV Window For Semi-Automatic Operation When the automatic control system of the Hi-matic 7s is disengaged, the electric eye remains operative and an "EV" number appears on a scale in the viewfinder. This number changes in response to changes in shutter speed or aperture, either of which may be set first. When the number on the viewfinder scale is set in the EV window, the camera is set for correct exposure. When an EV number is set in the window, its equivalents in terms of shutter speed and aperture appear on their respective scales on the lens barrel. This permits use of the CdS electric eye as an independent exposure meter for another camera.

11 Fully Automatic Operation When both "A" marks are aligned with the pointer, the programmed shutter will automatically set itself at the optimum combination of aperture and shutter speed, leaving nothing to do but aim, focus and shoot. On automatic operation, the electric eye system is programmed over a range of EV 5.7 (f/1.8 at 1/15 sec.) to EV 17 (f/22 at 1/250 sec.). The pointer on the lens barrel also serves as a guide to aligning any combination of aperture and shutter speed during semi-automatic or manual operation.

12 Aperture Scale To set diaphragm opening from f/1.8 to f/22 during semi-automatic or completely manual operation.

13 Shutter Speed Scale Used to set shutter speeds from 1/4 to 1/500th second plus bulb during semi-automatic and manual operation. 1/30th second engraved in red for sync with M class bulbs. Camera may be set at any speed for electronic flash synchronization.

14 Flash Synchronization Terminal Accepts standard PC connecting prong and cord.

15 Rokkor 45mm f/1.8 Lens Fast six-element lens is made in Minolta's own factories—from raw materials to finished mount—to the world's highest standards of optical precision. Features exclusive "Achromatic" coating for warmer, more vibrant color.

16 Exclusive "CLC" Electric Eye Eliminates poor exposure due to high contrast. In such situations, or at any time where light distribution is uneven, the "CLC" system (Contrast Light Compensator) will automatically compensate to prevent under-exposure of the darker area. Strategically positioned inside the lens barrel to measure light as the lens sees it. Filters go in front of cell to eliminate need for filter compensation. 23° angle of coverage. Powered by mercury battery.

17 Super-Imposed Rangefinder Tinted viewfinder shows double image which snaps into a single, sharp image when picture is correctly focused. Automatic parallax compensation with bright frame lines to show actual area of exposure.

18 Viewfinder Scale, Insufficient Light Signals Easy-to-see scale shows large, bright EV numbers from 5.7 to 17 plus red warning zones for too little (top zone) or too much (bottom zone) light for correct exposure. (not shown)

19 Battery Chamber Holds one standard mercury battery to power CdS cell (Mallory RM 625 or equivalent).

20 Tripod Socket Threaded to accept standard tripod mount.

21 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when film lever is advanced.

22 Focusing Lever Oversized for rapid helicoid focusing from 3 feet to infinity and 0.9 meters to infinity, with distance scale engraved on top of lens barrel for rapid reading while shooting.

23 Meter "Off" Control Turns meter circuit off to conserve battery power.

24 ASA Scale Has click stops for setting ASA from 25 to 800 and DIN from 15 to 30.

25 Viewfinder Eyepiece Finished in black to eliminate glare.

26 Exclusive Simplified Loading System Unique "SLS" window shows a red color band which moves as film is exposed, serving as an immediate check against the possibility of improper film threading. Red band disappears when exposed film has been fully re-wound, thus indicating that all film has been returned to the cartridge. A 4-slotted take-up spool eliminates fumbling and speeds film loading.

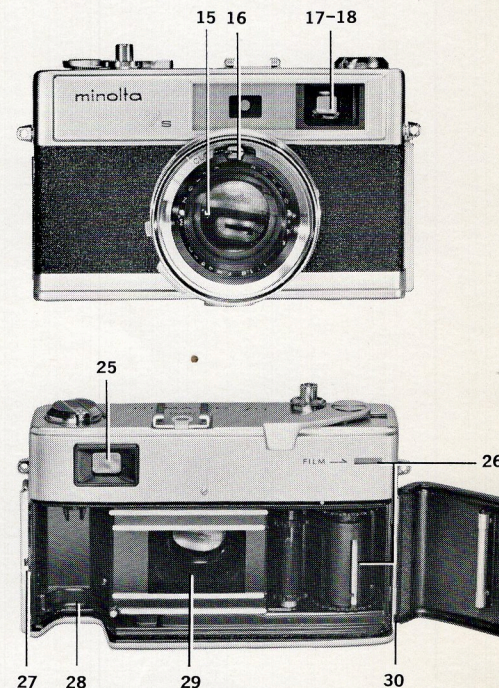
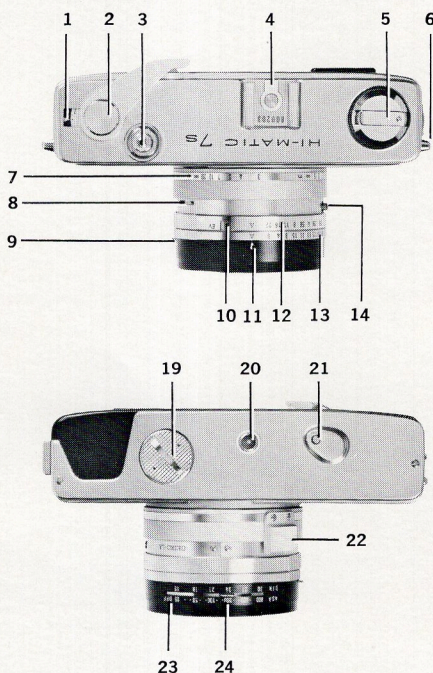
27 Positive Back Lock Slide device prevents accidental opening.

28 Cut-Away Film Chamber Permits fast, easy loading in conjunction with "SLS" system. Accepts standard 20 or 36-exposure 35mm cartridges.

29 Programmed Shutter Operates over a range of 1/15 to 1/250 sec. (EV 5.7 to 17) in fully automatic operation and from 1/4 to 1/500th sec. plus "B" during semi-automatic and manual operation. (not shown)

30 Hinged Back Opens fully for easy access to film chamber.

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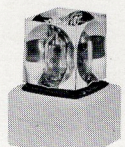
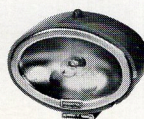
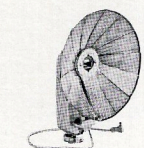
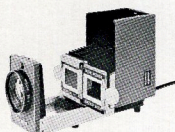


Accessories for the Minolta Hi-matic 7s

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment", page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical AG-1 bulbs. Has direct contact for cordless use with hot-shoe cameras such as the Hi-matic 7s . . . plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Minolta Flashcube Gun (#8001). Fits all hot-shoe contact cameras to provide cordless flash. Accepts standard flashcube for four flash pictures without changing bulbs. Uses two batteries (Mallory MN-9100 or equivalent).

Filters Solid glass filters made to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3511
Yellow: #3512

Lens Cap (#3561). Protects lens and built-in CdS cell. (not shown)

Lens Hood (#3541). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3502). Standard equipment with the Minolta Hi-matic 7s. Hard, reinforced leather to provide maximum protection. (not shown)

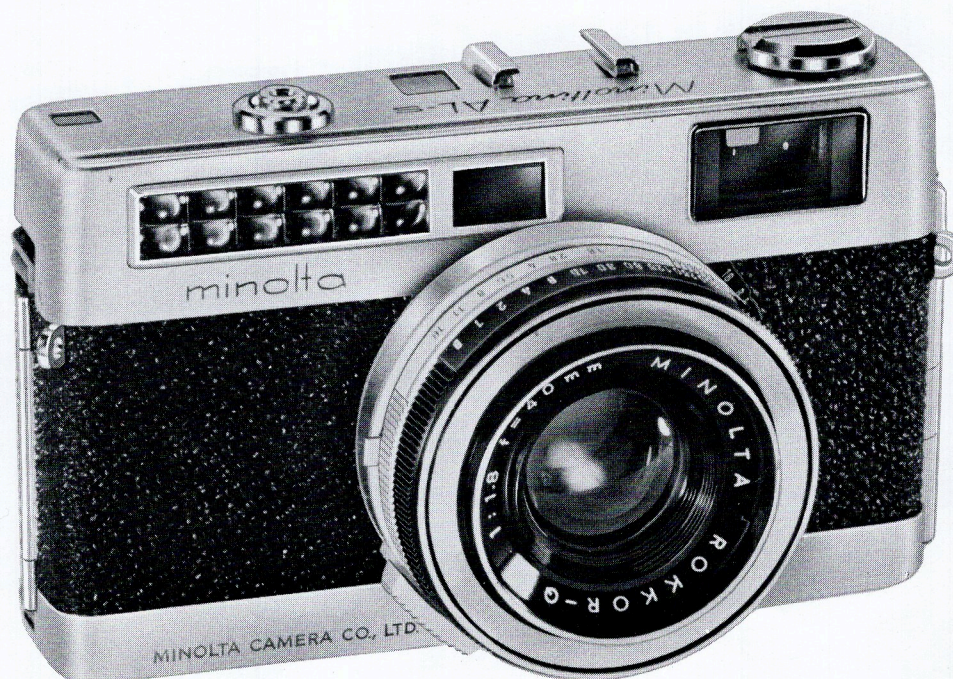
Minoltina AL-S

**world's smallest full-frame 35mm camera . . .
many advanced features including
a sensitive electric eye, coupled rangefinder**

The Minoltina AL-S is a full-frame 35mm camera in features, workmanship and performance. It's remarkably easy to use . . . offers a sensitive electric eye and bright rangefinder to provide even a beginner with expert results. Yet it's so slim and compact it hides in your pocket, provides true "go-anywhere" convenience.

a quick guide to the Minoltina AL-S

- ☐ ultra-compact, lightweight styling
- ☐ built-in electric eye
- ☐ semi-automatic "match-needle" exposure accuracy
- ☐ super-imposed rangefinder with snap-in critical focusing
- ☐ Rokkor 40mm f/1.8 lens with exclusive "Achromatic" coating
- ☐ shutter speeds from 1 to 1/500th sec. plus "B"
- ☐ flash synchronization
- ☐ built-in accessory shoe
- ☐ single-stroke film advance
- ☐ built-in self-timer
- ☐ auto-reset frame counter
- ☐ cut-away film chamber



camera complete: #3411/3412
camera case only: #3412

Precision Features of the Minoltina AL-S

1 Auto-Rest Frame Counter Large numbers show pictures taken from 1 to 36. Re-sets to zero when back is open. Frames "20" and "36" marked in red to signal end of roll, depending on film used.

2 Shutter Release Threaded for standard cable release.

3 Single-Stroke Film Advance One full stroke automatically advances film and frame counter, cocks shutter and prevents double exposure.

4 Semi-Automatic Point-And-Shoot Operation Simply turn either shutter speed or aperture ring to line up the two indicators in match-needle window. Once indicators are aligned, perfect exposure is automatic.

5 Built-In Accessory Shoe Accepts Minolta flashgun or any other shoe-mounted accessory.

6 Rapid Rewind Crank Lifts up for easy rewinding; folds flush when not in use.

7 Strap Lugs Specially designed for optimum camera balance and safety.

8 Focusing Ring Focusing from 2.6 feet to infinity and 0.8 meters to infinity. Controlled by lever on bottom of lens barrel.

9 Flash Synchronization MX synch at all speeds.

10 Built-In Self-Timer Automatic 10-second delay on shutter release permits self-filming.

11 Diaphragm Scale f/1.8 to f/16. Coupled to light meter.

12 Shutter Speed Ring 1 to 1/500th sec. plus "B". Coupled to light meter.

13 Built-In Electric Eye Highly accurate selenium cell automatically "reads" light conditions, sets indicator in match-needle window.

14 Rokkor 40mm f/1.8 Lens Razor-sharp 6-element lens is made in Minolta's own factories to meet the world's highest optical standards. Focuses from 2.6 feet to infinity. Patented "Achromatic" double coating provides truer, more vibrant color.

15 Bright-Frame Rangefinder A small bright area in the center of the coupled rangefinder shows a double image when subject is out of focus. As you turn the focusing lever, the subject dissolves into a sharp single image—ready to shoot. A bright line frame shows you exactly what will appear on film.

16 Built-In Depth-Of-Field Scale Show zone of sharpness at any specific point on the focusing ring.

17 Flash Terminal Accepts standard PC connecting prong and cord.

18 Safety Lock Sliding lock eliminates chance of accidental opening.

19 Tripod Socket Threaded to accept standard tripod mount.

20 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when shutter is cocked.

21 Focusing Lever Oversized for rapid helicoid focusing from 2.6 feet to infinity and 0.8 meters to infinity, with distance scale engraved on top of lens barrel for rapid reading while shooting.

22 ASA Scale Ranges from ASA 25 to 800.

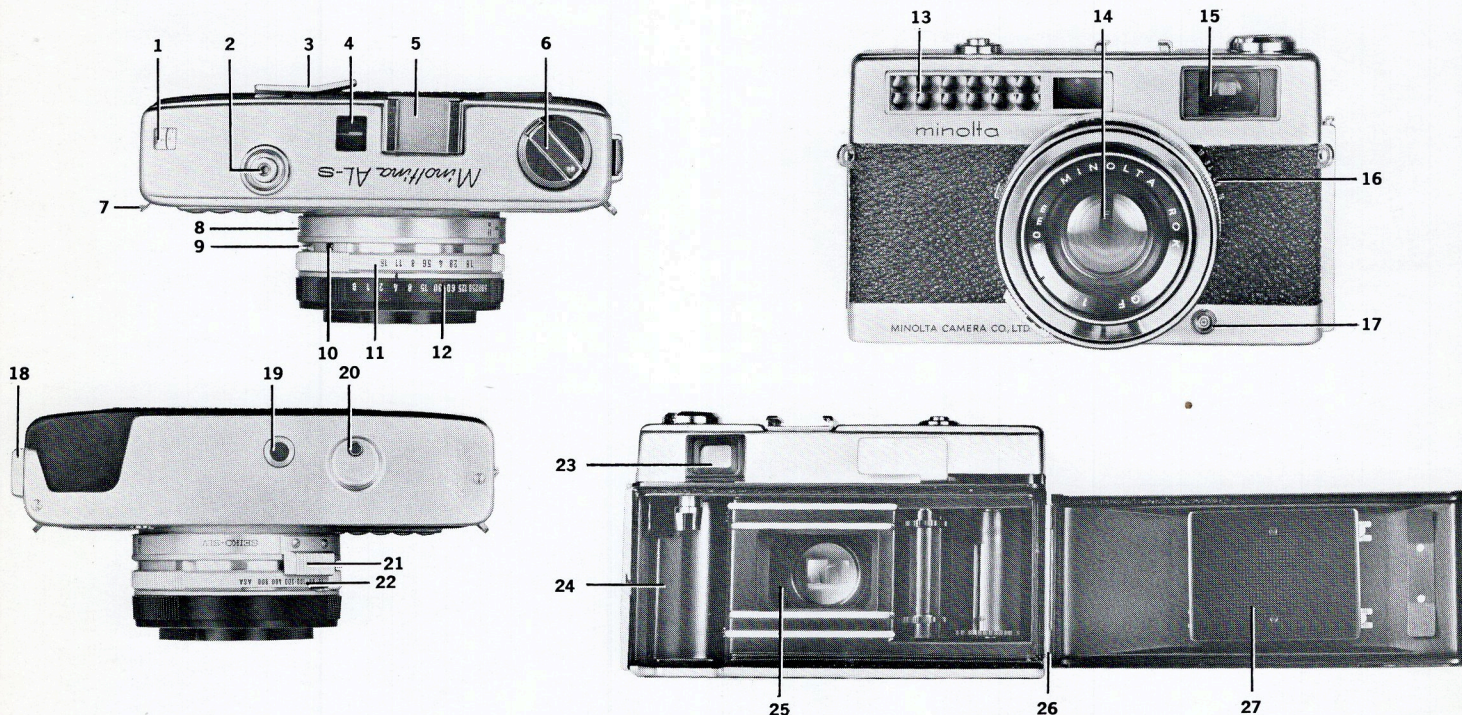
23 Viewfinder Eyepiece Finished in black to eliminate glare.

24 Cut-Away Film Chamber Simplifies loading, ends fumbling with film cartridge. Standard 35mm 20 or 36-exposure film cartridges simply slide into place.

25 Shutter Seiko-SLV. (not shown)

26 Hinged Back Opens fully for easy access to film chamber.

27 Pebble Pressure Plate Unique pebble design provides maximum film pressure with minimum contact.

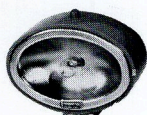
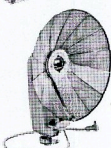
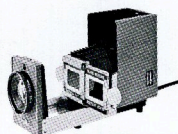


Accessories for the Minoltina AL-S

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment," page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical A-1 bulbs. Has direct contact for cordless use with hot-shoe cameras . . . plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Lens Cap Protects lens. (#3461). (not shown)

Lens Hood (#3441). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3412). Standard equipment with the Minoltina AL-S. Hard, reinforced leather to provide maximum protection. (not shown)

Filters Solid glass filters made to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3451
Yellow: #3452

Minoltina P

**a full-frame 35mm camera with pocket-size dimensions . . .
exclusive "Auto-View" system for point-and-shoot simplicity**

The Minoltina P combines ultra-slim styling and true pocket-size convenience with all the advantages of regular 35mm film. Slides and prints are regular 35mm size, yet the Minoltina P weighs less than a pound . . . travels anywhere in pocket or purse.

a quick guide to the Minoltina P

- ☐ ultra-slim styling, big-camera performance . . . uses standard 35mm film cartridges
- ☐ built-in electric eye
- ☐ exclusive "Auto-View" system for focusing and exposure accuracy . . . point, focus, shoot operation
- ☐ wide angle Rokkor 38mm f/2.8 lens

- ☐ wide angle viewfinder
- ☐ click-stop focusing from 2.6 feet to infinity with symbols in "Auto-View" window
- ☐ programmed shutter: 1/30th to 1/250th sec. plus "B"
- ☐ flash synchronization

- ☐ single-stroke film advance
- ☐ built-in self-timer
- ☐ auto-reset frame counter
- ☐ cut-away film chamber
- ☐ available in handsome gift pack, including camera and case, flashgun and case, flash bracket



camera complete: #3201/3202
camera case only: #3202
gift pack complete: #3210

Precision Features of the Minoltina P

1 Auto-Reset Frame Counter Large numbers show pictures taken from 1 to 36. Re-sets to zero when back is open. Frames "20" and "36" marked in red to signal end of roll, depending on film used.

2 Shutter Release Threaded for standard cable release.

3 Single-Stroke Film Advance One full stroke automatically advances film and frame counter, cocks shutter and prevents double exposure.

4 Semi-Automatic Operation With Exclusive "Auto-View" System "Auto-View" window automatically shows correct exposure and correct focus at a glance. As lens diaphragm ring is turned, an indicator lines up with a pointer to show correct exposure. As lens focusing ring is turned, another indicator shows correct focus for close-up, medium or distant shots.

5 Rapid Rewind Crank Lifts up for easy rewinding; folds flush when not in use.

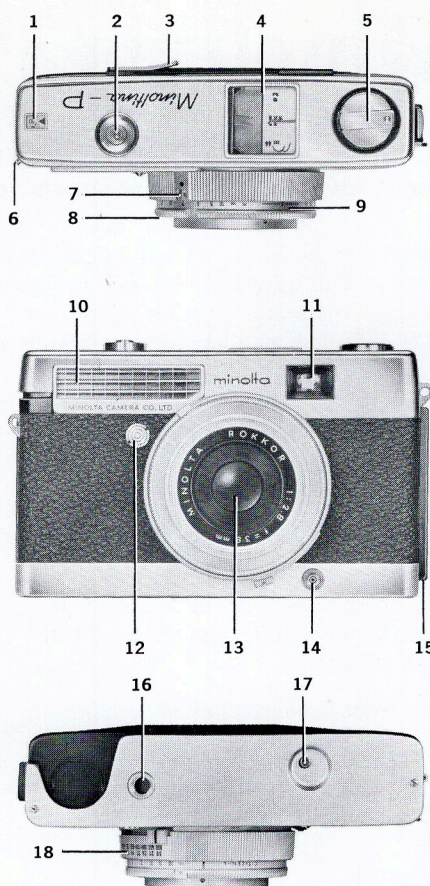
6 Strap Lugs Specially designed for optimum camera balance and safety.

7 Shutter Speeds Coupled to exposure match-needle in "Auto-View" window. From 1/30th to 1/250th sec. plus "B". Speeds governed by exposure value guide indicated on the exposure diaphragm ring. Relation of shutter speeds and aperture settings under this system is as follows:

Exposure Value Number	F/Stop	Approximate Shutter Speed
8	2.8	1/30th second
9	3.7	1/45th second
10	4.0	1/64th second
11	4.7	1/90th second
12	5.6	1/125th second
13	6.7	1/180th second
14	8.0	1/250th second
15	11.0	1/250th second
16	16.0	1/250th second
17	22.0	1/250th second

8 Focusing Ring Click stops for "touch" focusing from 2.6 feet to infinity and from 8.0 meters to infinity. Coupled to indicator in "Auto-View" window.

9 Flash Synchronization Fixed speed 1/30th second for electronic flash and bulb. Aperture settings taken with exposure diaphragm ring under the red numbered f/stops.



10 Built-In Electric Eye Selenium cell automatically measures light for perfect exposure, automatically sets the best shutter speed from 1/30th to 1/250th sec. Coupled to indicator in "Auto-View" window.

11 Wide Angle Viewfinder Bright-frame viewfinder eliminates parallax; consists of 4 elements. Provides the same 60.5° angle of view as the picture-taking lens.

12 Built-In Self-Timer Provides automatic 10-second delay in shutter release; permits self-filming.

13 Wide Angle Rokkor 38mm f/2.8 Lens Precision-ground in Minolta's own factories to provide maximum sharpness and color fidelity. Unusually wide 60.5° angle of view makes it easy to get pictures in close quarters and indoors . . . adds interesting new perspective to every shot.

14 Flash Terminal Accepts standard PC connecting prong and cord.

15 Safety Lock Sliding lock eliminates chance of accidental opening.

16 Tripod Socket Threaded to accept standard tripod mount.

17 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when shutter is cocked.

18 ASA Scale Ranges from ASA 25 to 800 and DIN 15 to 30.

19 Viewfinder Eyepiece Finished in black to eliminate glare.

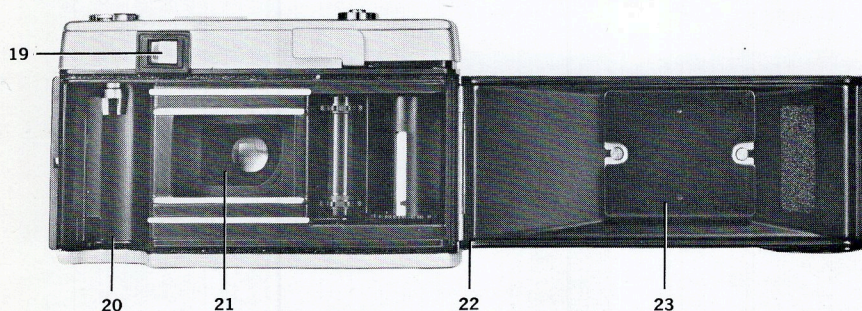
20 Cut-Away Film Chamber Simplifies loading, ends fumbling with film cassette. Standard 35mm 20 or 36-exposure film cartridges simply slide into place.

21 Shutter Citizen programmed shutter with speeds from 1/30th to 1/250th sec. plus "B". (not shown)

22 Hinged Back Opens fully for easy access to film chamber.

23 Pebble Pressure Plate Unique pebble design provides maximum film pressure with minimum contact.

24 Minoltina P Gift Pack Smartly designed gift package contains Minoltina P camera and case, Minolta Deluxe II Flashgun, flash bracket

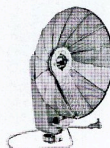
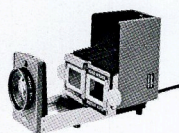


Accessories for the Minoltina P

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment," page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical A-1 bulbs. Has direct contact for cordless use with hot-shoe cameras . . . plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Lens Cap Protects lens. (#3206) (not shown)

Lens Hood (#3205). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3202). Standard equipment with the Minoltina P. Hard, reinforced leather to provide maximum protection. (not shown)



Flash Bracket Included with Minoltina P.

Filters Solid glass filters to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3203
Yellow: #3204

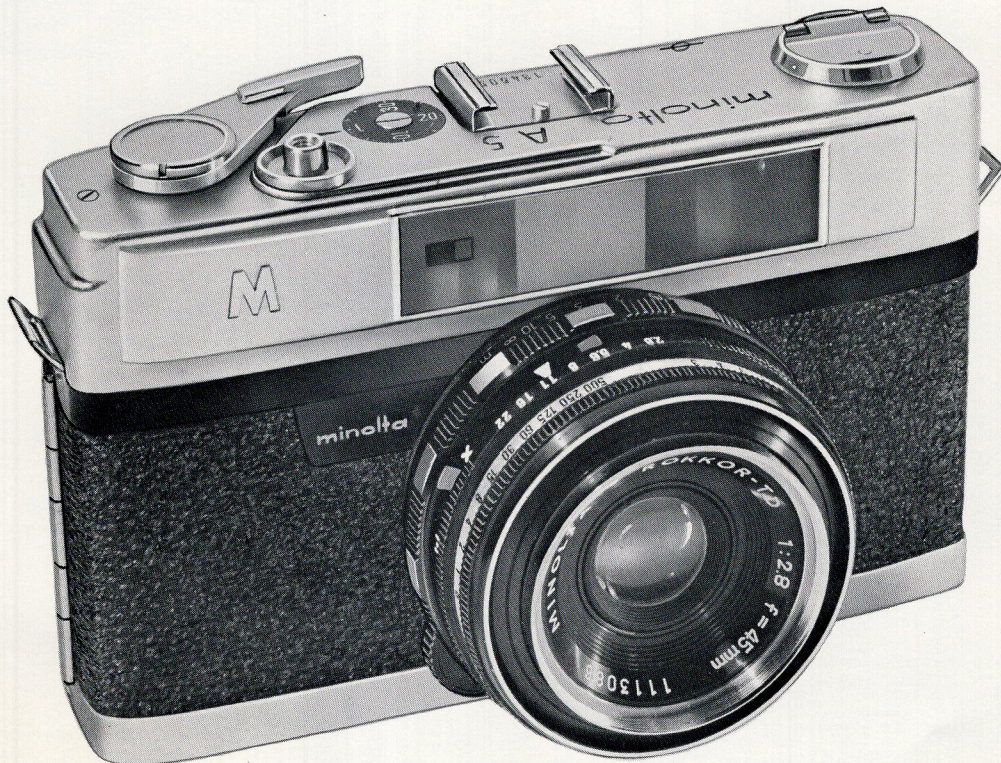
Minolta A5

**an economically-priced 35mm camera . . .
without gadgets, but with every feature
a knowledgeable photographer could want**

The Minolta A5 has long been a favorite among photographers who want dependable 35mm performance without "frills." In workmanship, in advanced features like a coupled rangefinder and particularly in lens quality, the Minolta A5 offers the best value in its class.

a quick guide to the Minolta A5

- ☐ Rokkor 45mm f/2.8 lens with positive click stops
- ☐ shutter speeds from 1 to 1/500th sec. plus "B"
- ☐ built-in self-timer
- ☐ coupled rangefinder
- ☐ flash synchronization
- ☐ built-in accessory shoe
- ☐ snap-in critical focusing
- ☐ single-stroke film advance
- ☐ frame counter
- ☐ built-in depth-of-field scale



camera complete: #3301/3302
camera case only: #3302

Precision Features of the Minolta A5

1 Single-Stroke Film Advance One quick stroke automatically advances film, cocks shutter, counts the exposures—eliminates the risk of double exposure.

2 Shutter Release Threaded for standard cable release.

3 Automatic Frame Counter Large, easy-to-read. Automatically shows clearly how many pictures were taken; how many remain.

4 Accessory Shoe Permits mounting of flash, other clip-on accessories.

5 Film Rewind Crank Rapid rewind crank folds back when not in use.

6 Strap Lugs Specially designed for optimum camera balance and safety.

7 Focusing Ring Clearly marked for rapid focusing from 3 feet to infinity. Knurled for sure, rapid grip.

8 M-X Selector For M or X synchronization at all speeds.

9 Aperture Scale Click stops from f/2.8 to f/22.

10 Shutter Speed Ring For speeds from 1 to 1/500th sec. plus "B". Includes LV scale.

11 Built-in Self-Timer 10-second delay permits self-filming.

12 Coupled Rangefinder Makes composing and focusing a sure, effortless operation. Out of focus images appear as double image in its tinted range-finder. When double image blends into one, the A5 is in focus.

13 Focusing Lever Permits rapid, easy focusing from 3 feet to infinity.

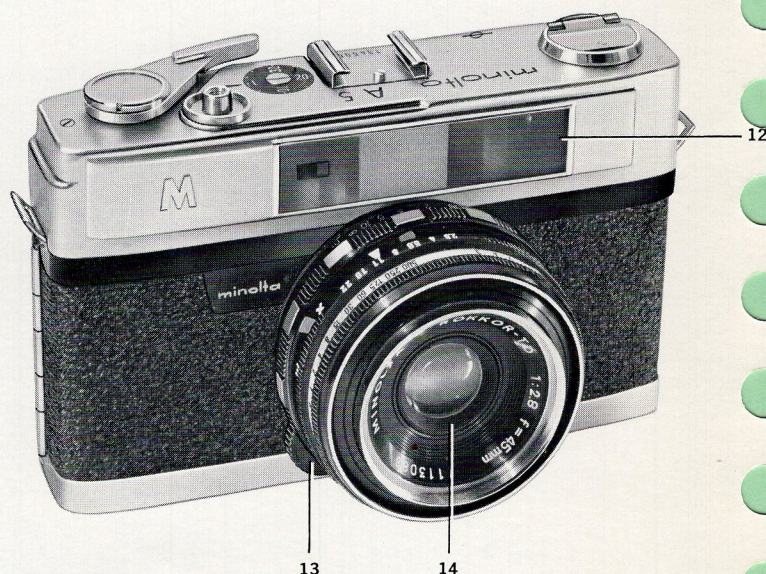
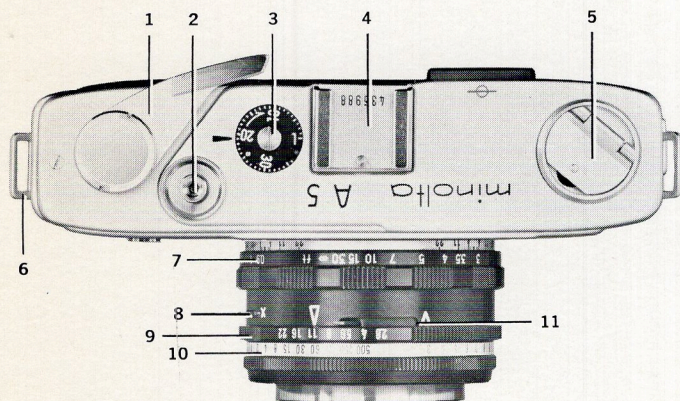
14 Rokkor 45mm f/2.8 Lens A superb example of famed Rokkor optical quality, this coated lens delivers pictures of unbelievable sharpness and color definition. Aperture openings from f/2.8 to f/22 in click-stops; focusing from 3 feet to infinity.

15 Tripod Socket Threaded to accept standard tripod mount. (not shown)

16 Film Rewind Release Remains depressed without holding during entire rewind cycle; pops up automatically when shutter is cocked. (not shown)

17 Hinged Back Opens fully for easy access to film chamber. (not shown)

18 Pebble Pressure Plate Unique pebble design provides maximum film pressure with minimum contact. (not shown)

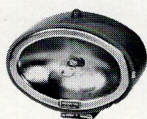
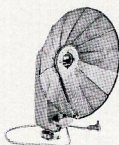
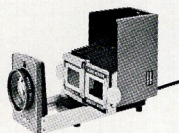


Accessories for the Minolta A5

Minolta Mini 35-II Projector (#9601/9602). So light and compact you can carry it anywhere, yet powerful enough to fill a 36" screen at only 7 feet. For details on the Mini 35-II and its complete system of accessories, see "slide projection equipment," page 22.

Minolta Deluxe II Flash (#7001). A pocket-size folding fan flash with cord contact only (standard PC connecting prong). Fits accessory shoe. Has beaded reflector that swivels on a 90° arc to any of five click-stop positions. Uses M2, #5 or all-glass bulbs interchangeably. For details, see page 22.

Minolta Duo-Fit Flash (#3554). Extremely compact flash uses economical A-1 bulbs. Has direct contact for cordless use with hot-shoe cameras . . . plus PC connecting prong and cord for use with cord contact cameras. Uses 15-volt battery and capacitor (Mallory M-504 or equivalent).



Lens Cap Protects lens. (#3461). (not shown)

Lens Hood (#3441). To prevent glare and loss of contrast caused by stray light hitting the lens. Supplied with leather case. (not shown)

Leather Eveready Case (#3302). Standard equipment with the Minolta A5. Hard, reinforced leather to provide maximum protection. (not shown)

Filters Solid glass filters made to the same high optical standards as Rokkor lenses. UV haze filter is used to absorb ultraviolet light, cut through haze. Yellow filter will heighten cloud effects. For details, see page 17.

UV Haze: #3451
Yellow: #3452