

MOTOR DRIVE GROUP



- 1 Motor Drive 1 2 Winder 1 3 M.18V Control Grip 1 4 M.18V Battery Holder 1 5 M.15V Ni-Cd Control Pack 1 6 M.15V Ni-Cd Charger 1
7 MAC Control Box 8 Relay Cord 1.2m 9 Relay Cord 10m 10 250 Film Back 1 11 250 Film Magazine 12 250 Film Loader 13 M.6V Power Pack 1

MOTOR DRIVE 1



Summary

- Basic motor drive unit that forms the core of the group. Fixed directly to the camera baseplate, it functions integrally with the OM camera body to perform high-speed sequence/single frame advance motor drive photography, operating on various power supplies.

Main Characteristics

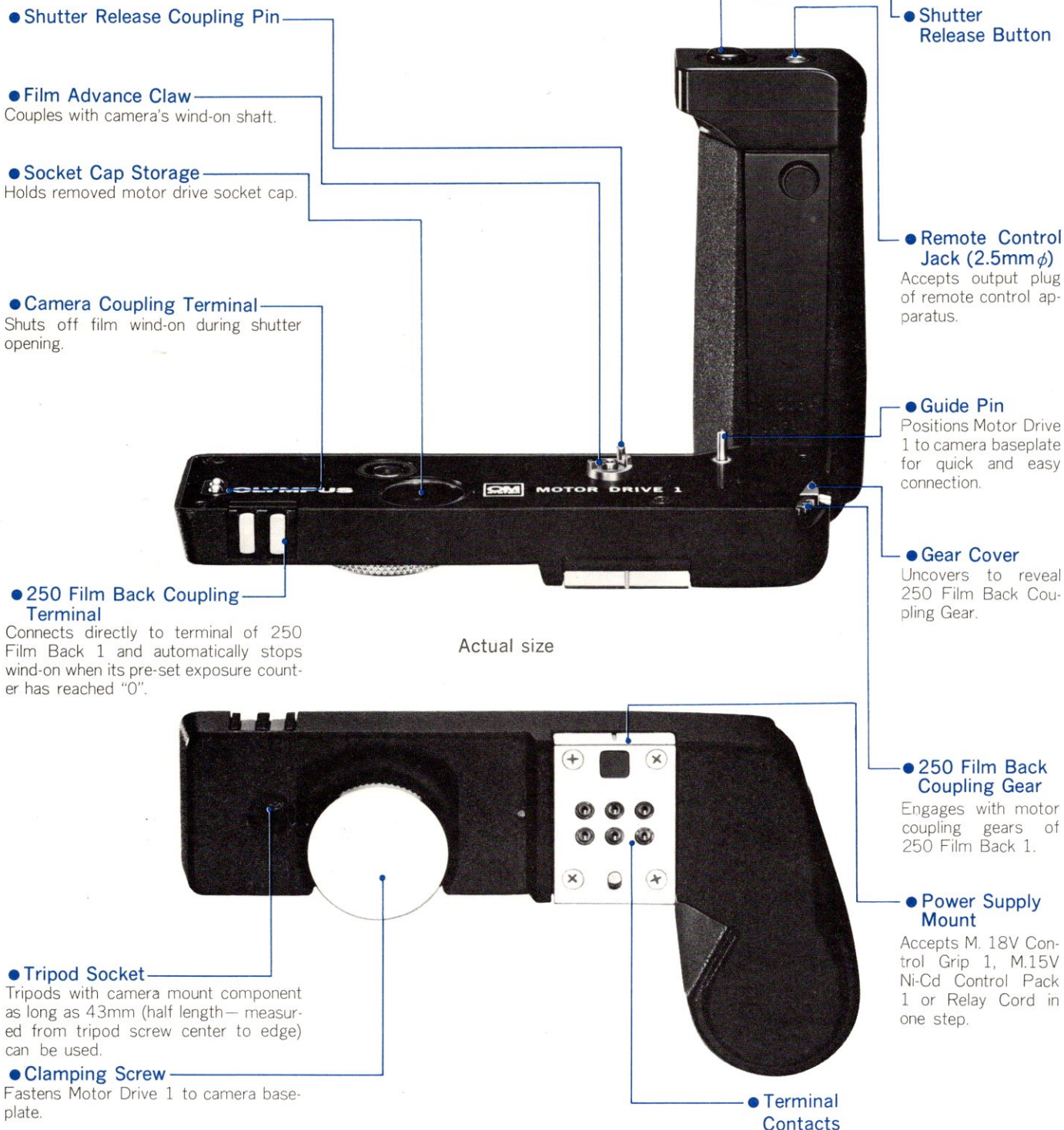
- Incomparably compact and lightweight.
- A maximum sequential filming speed of 5 frames per second without mirror lock-up is the fastest among motor drives generally available on the market.
- In single mode, pressing of the shutter release button completes film wind-on following exposure, thus setting the camera ready for next shot—a big advantage in assuring split-second readiness over its counterparts that require the finger to be taken off the button to initiate wind-on.
- Solid-state circuit prevents wind-on during shutter opening and after last exposure.

Notes • Related Units

- Power units for Motor Drive 1 — M. 18V Control Grip 1 (p.411), M. 15V Ni-Cd Control Pack 1 (p. 412) and M. AC Control Box (p. 414).
- Early OM-1 models not prepared for motor drive use can be modified for a nominal charge at authorized Olympus service centers.

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OM MOTOR DRIVE 1



● Main Specifications

Camera: OM-1 and OM-2 cameras.

Film advance: 5 frames per second maximum continuous filming without mirror lock-up, or single frame advance.

Shutter speed: OM-1 At "SINGLE"—1 to 1/1000 sec; at "SEQUENCE"—1/2 to 1/1000 sec.

OM-2 (AUTO)—Approx. 60 to 1/1000 sec. (MANUAL)—1 to 1/1000 sec. both at "SEQUENCE" and "SINGLE".

Power supply: M. 18V Control Grip 1 (12 AA batteries), M. 15V Ni-Cd Control Pack 1 (rechargeable) or M. AC Control Box.

Input voltage: DC 18V (AA batteries), 15V (Ni-Cd), 12–16V (other large potentiality DC power supplies)

Film: 12-, 20- and 36-exposure cartridges, and up to 250 exposures on 10m (33 ft.) bulk load film using 250 Film Back 1.

Others: Shutter release button and 2.5mm remote jack atop handgrip; solid-state circuit for automatic film wind stop after last exposure.

Dimensions: 116×64×80mm (4 5/8×2 1/2×3 1/8 in.)

Weight: 210gr. (7.4 oz.)

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WINDER 1 & M.6V BATTERY HOLDER 1

OM
SYSTEM

Summary

- Fixed directly to the camera base, the Winder 1 functions integrally with the OM camera body to perform automatic single-frame film advance, operating on four internally-fitted 1.5V AA batteries.

Main Characteristics

- Extremely small and lightweight.
- The film winding speed of 3 frames per second is the fastest among the winders usually available on the market.
- Once the shutter release button is pressed, the unit winds film by one frame and cocks the shutter as soon as exposure has been made: a significant advantage over its counterparts that require the finger to be taken off the button to initiate wind-on.
- Solid-state circuits automatically stop wind-on at the end of film roll.

Notes • Related Units

- Four 1.5V penlight batteries must be used. The batteries are loaded into the M. 6V Battery Holder 1, which in turn is inserted into the Winder 1.
- Early OM-1 models not made for motor drive use must be modified to accept the Winder 1. The camera can easily be modified at authorized Olympus factory service centers for a nominal charge.
- In extremely low temperatures, use of the M. 6V Control Pack 1 is recommended to prevent battery degradation (p.403).

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WINDER 1 & M.6V BATTERY HOLDER 1

● Shutter Release Coupling Pin

● Film Advance Claw

Couples with camera's wind-on shaft.

● Clamping Screw

Holds removed motor drive socket cap.

● Camera Coupling Terminal

Shuts off film wind-on during shutter opening.

● 250 Film Back Coupling Terminal

Connects directly to terminal of 250 Film Back 1 and automatically stops wind-on when its pre-set exposure counter has reached "0".

● Shutter Release

● Remote Control Jack

Accepts 2.5-mm ϕ output plug of remote control apparatus.

● Guide Pin

Serves as a positioning pin for quick mounting to camera baseplate.

● Gear Cover

Be sure to uncover gears when coupling 250 Film Back 1.

● 250 Film Back Coupling Gear

Engages with gears of 250 Film Back 1.

● Battery Holder Lock Button

● Strap Eyelet

M. 6V BATTERY HOLDER 1

Contains four 1.5V AA batteries.

● Tripod Socket

● External Power Jack

Accepts output plug of M. 6V Control Pack 1 or other large-potential DC power sources (max. 5.5V).

● Switch Dial

To set to "SINGLE", pull up and rotate.

● Socket Cap Storage

Holds removed motor drive socket cap (claw facing up).

Main specifications

Camera: OM-1 and OM-2 cameras.

Film advance: Single-release shooting, instant film wind after each exposure.

Operational time: Approx. 0.3 sec.

Shutter speed: OM-1 1 to 1/1,000 sec.

OM-2 (AUTO) Approx. 60 to 1/1,000 sec. (MANUAL) 1 to 1/1,000sec.

Power supply: Four 1.5V AA batteries including Ni-Cd rechargeable batteries; jack for external power source built in.

Battery loading: Snap-in, magazine type M. 6V Battery Holder 1.

Input voltage: DC 4-6V (DC 4-5.5V in case of external power source with large potentiality.)

Capacity: Approx. 20 rolls of 36-exposure film with a set of fresh Manganese batteries; approx. 50 rolls with Alkaline batteries; approx. 15 rolls with Ni-Cd batteries at normal temperature.

Film: 12-, 20- and 36-exposure roll films, and up to 250 exposures on 10m (33ft.) bulk load film using 250 Film Back 1.

Dimensions: 130×64×100mm (5 1/8×2 1/2×3 7/8")

Weight: 290g (10.2 oz.)

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M.6V POWER PACK 1



Summary

- The M. 6V Power Pack 1 is a pocketable external power unit for the Winder 1. Warmed to 15°C (59°F) or over by the photographer's body heat, the unit allows operation of the Winder 1 in extreme temperatures as low as -10°C (14°F).

Main Characteristics

- Function in sub-zero environment
At 0°C (32°F) with Power Pack temperature of 15°C (59°F) or over: Manganese — 10 rolls of 36-exposure film; Alkaline — 5 rolls; Ni-Cd — 15 rolls.
At -10°C (14°F) with Power Pack temperature of 15°C or over: Manganese — 10 rolls; Ni-Cd — 15 rolls.

Notes • Related Units

- Four 1.5V AA batteries are required.
- The unit must be kept at a temperature of 15°C or over in an inside coat pocket.
- When the unit is not used for long periods, remove the batteries to prevent leakage.

OM SYSTEM M. 6V POWER PACK 1

● Output Plug

Plugged into external power jack of Winder 1, internal batteries of which are switched off automatically.

● Cord

1.2m (4 ft.) long.

● Battery Holder

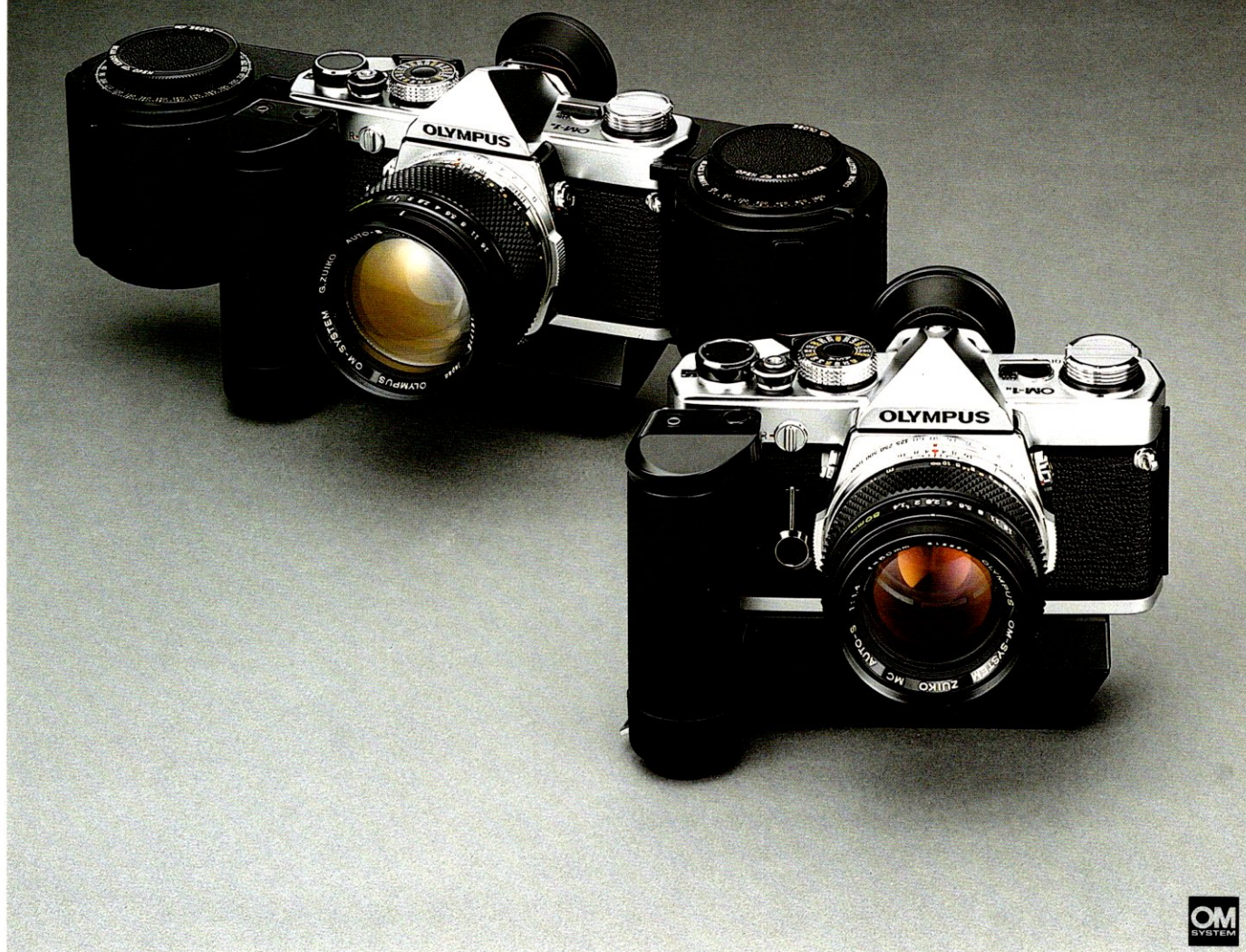
● Battery Terminal

● Case

Actual size

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WINDER2 & M.6V BATTERY HOLDER1



Summary

- Fixed directly to the camera base, the Winder 2 functions integrally with the OM camera body to perform automatic continuous or single frame film advance operating on four internally-fitted 1.5V AA batteries.

Main Characteristics

- Extremely small and lightweight.
- The film winding speed of 2.5 frames per second is the fastest among the winders usually available on the market.
- Once the shutter release button is pressed (at "SINGLE"), the unit winds film by one frame and cocks the shutter as soon as exposure has been made: a significant advantage over its counterparts that require the finger to be taken off the button to initiate wind-on. At "SEQUENCE" the unit keeps firing as long as the button is held down.
- Solid-state circuits automatically stop wind-on at the end of film roll.

Notes • Related Units

- Four 1.5V penlight batteries must be used. The batteries are loaded into the M. 6V Battery Holder 1, which in turn is inserted into the Winder 2.
- Early OM-1 models not made for motor drive use must be modified to accept the Winder 2. The camera can easily be modified at authorized Olympus factory service centers for a nominal charge.
- In extremely low temperatures, use of the M. 6V Power Pack 1 is recommended to prevent battery degradation (p403).
- M. Remote Cord (1.2m or 5m) is optionally available (P.422).

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Winder2
Stock NO. 106-004
M.6V Battery Holder1
Stock NO. 106-002



WINDER 2 & M.6V BATTERY HOLDER 1

● Shutter Release Coupling Pin

● Film Advance Claw

Couples with camera's wind-on shaft.

● Clamping Screw

Fastens Winder 2 to camera baseplate.

● Camera Coupling Terminal

Shuts off film wind-on during shutter opening.

● 250 Film Back Coupling Terminal

Connects directly to terminal of 250 Film Back 1 and automatically stops wind-on when its pre-set exposure counter has reached "0".

● Non-Slip Finger Grip

● Shutter Release

● Remote Control Jack

Accepts 2.5mm ϕ output plug of remote control apparatus.

● Guide Pin

Serves as a positioning pin for quick mounting to camera baseplate.

● Gear Cover

Be sure to uncover gears when coupling 250 Film Back 1.

● 250 Film Back Coupling Gear

Engages with gears of 250 Film Back 1.

● Battery Holder Lock Button

● Strap Eyelet

● M.6V BATTERY HOLDER 1

Contains four 1.5V AA batteries.

● Socket Cap Storage

Holds removed motor drive socket cap (claw facing up).

● Tripod Socket

● External Power Jack

Accepts output plug of M. 6V Power Pack 1 or other large-potential DC power sources (max. 5.5V).

● Mode Selector

To set to "SINGLE" or "SEQUENCE", pull up and rotate.

● Main Specifications

Camera: OM-1, OM-2 and OM-10 cameras.

Film advance: Single-release or continuous shooting, instant film wind after each exposure.

Operational time: Approx 0.3 sec.

Shutter speeds: OM-1 1 to 1/1,000 sec.

OM-2 (AUTO) several tens of seconds to 1/1,000 sec. (MANUAL)
1 to 1/1,000 sec.

OM-10 (AUTO) 2 to 1/1,000 sec. (MANUAL) 1 to 1/1,000 sec.
(with Manual Adapter.)

Power supply: Four 1.5V AA batteries including Ni-Cd rechargeable batteries, jack for external power source built in.

Battery loading: Snap-in magazine type M. 6V Battery Holder 1.

Input voltage: DC 4-6V

Capacity: Approx. 20 rolls of 36-exposure film with a set of fresh Manganese batteries, approx. 50 rolls with Alkaline batteries, approx. 15 rolls with Ni-Cd batteries at normal temperature.

Film: 12, 20 and 36-exposure roll films, and up to 250 exposures on 10m (33ft.) bulk load film using 250 Film Back 1.

Dimensions and Weight: 130×64×98mm (5.1"×2.5"×3.9"), 290g (10.2oz.) less batteries.

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M.18V CONTROL GRIP 1 & M.18V BATTERY HOLDER 1



Summary

- Pistol-grip type power supply for the Motor Drive 1, containing an M. 18V Battery Holder 1. (Batteries extra.)

Main Characteristics

- Quick and firm direct mounting to the Motor Drive 1, or via Relay Cord
- Large, easy-to-operate mode selector dial (SEQUENCE-SINGLE-OFF)
- Solid-state circuit to prevent wind-on during shutter opening and after last exposure.

Notes • Related Units

- Spare battery holders are available. Additional ones will facilitate uninterrupted motor drive operation during long shooting sessions.
- Relay Cord 1.2m allows the photographer to carry the Control Grip in his pocket to reduce the weight and bulk of his hand-held equipment or to prevent battery degradation in sub-zero temperatures (p. 421).
- Relay Cord 10m is available for extended remote control (p. 421)

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OM SYSTEM M.18V CONTROL GRIP 1 & M.18V BATTERY HOLDER 1

● Grip Detach Button

To disconnect Control Grip from Motor Drive, push in and down.

● Mounting Catch

Allows one-touch connection with Motor Drive or Relay Cord.

● Shutter Release

Trigger type; convenient for fast action.

● Grip Locks (double locking)

● Terminal Contacts

● Nonslip Knob (front)

● Mode Selector

● Shutter Release Lock Lever

Locks grip's shutter release to prevent accidental shooting.

● Nonslip Knob (rear)

M. 18V BATTERY HOLDER 1

Holds twelve AA (penlight) batteries. Snapped into Control Grip in one step.

● Battery Holder Lock Button

To remove battery holder, slide this button in the direction of arrow.

● Main Specifications

Type: Grip-type power supply for Motor Drive 1

Batteries: Twelve 1.5V AA Alkaline batteries (Eveready E91, Mallory MN 1500 or equivalent) or twelve 1.25V AA Ni-Cd rechargeable batteries (Eveready CH500 or equivalent).

Voltage: AA batteries—18V; Ni-Cd batteries—15V.

Battery loading: Magazine-type M. 18V Battery Holder 1 with built-in lock button and polarity protector.

Mounting: Snap-on type special mount; direct contact terminal; with Grip Detach Button.

Capacity: Approximately 70 rolls of 36-exposure film with fresh superpower Manganese batteries.

Mode Selector: Rotating dial type with "SINGLE", "SEQUENCE", and "OFF" click stop positions; solid-state circuit for automatic film wind stop after last exposure.

Shutter release: Large trigger-type with lock lever.

Dimensions: 32×87×136mm (1-1/4" × 3-3/8" × 5-3/8")

Weight: Body only—130gr. (4.6oz.); M. 18V Battery Holder 1—30gr. (1.1 oz.); batteries 240 gr. (8.4 oz.)

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M.15V Ni-Cd CONTROL PACK 1



Summary

- Flat top type rechargeable power supply for the Motor Drive 1, equipped with special built-in Ni-Cd cells.

Main Characteristics

- The Motor Drive/Control Pack package makes a most compact, lightweight high-speed motor drive system.
- Clamped directly to the Motor Drive 1, or via Relay Cord.
- Large, easy-to-operate mode selector dial (SEQUENCE-SINGLE-OFF).
- Solid-state circuit to prevent wind-on during shutter opening and after last exposure.
- Checker lamp indicates 3-level battery condition (on-blink-off).

Notes • Related Units

- The M. 15V Ni-Cd Charger 1, a charger exclusively designed for the Control Pack, must be purchased with the unit (p.413).
- Relay Cords 1.2m and 10m are available for remote-control motor drive photography (p. 421).
- In extremely low temperatures, battery power drops and the checker lamp may blink after less than normal number of film cartridges used. To prevent this, tuck the unit (connected to the Motor Drive via Relay Cord 1.2m) in an inside coat pocket.
- Internal Ni-Cd cells are built in and cannot be removed from the unit.

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OM SYSTEM M. 15V Ni-Cd CONTROL PACK 1

● Terminal Contact

Connects directly to terminal plate of Motor Drive and Relay Cord to feed power and electronic control. Connects also to output plug of Ni-Cd Charger for recharging.

● Mounting Catch (front)

Engages with power supply mount frame of Motor Drive.

Actual size

● Checker Lamp

● Checker Button

Depress to check voltage level:
ON—enough power for over 10 rolls of 36-exposure film; approx. 40 rolls when charged fully
BLINK—approx. 10 rolls, charging is recommended.
OFF—drained completely

● Clamping Screw

● Shutter Release Button

To shoot, press either this button or the one atop Motor Drive handgrip; convenient when remote-controlling Motor Drive with Relay Cord and taking vertical pictures, or when 250 Film Back 1 is used.

● Shutter Release Lock Button

Slides to lock Pack's shutter release button when the one on Motor Drive handgrip is being used.

● Tripod Socket

● Mode Selector

To switch setting, lift and rotate.

● Strap Eyelet

● Main Specifications

Type: Flat-type rechargeable power unit exclusively for use with Motor Drive 1

Battery: Built-in Ni-Cd cells

Charging Apparatus: M. 15V Ni-Cd Charger 1 (Extra)

Charging Time: 4–5 hours for full capacity

Capacity: Approx. 40 rolls of 36-exposure film

Mounting to Motor Drive 1: Via clamping screw, direct contact; or via Relay Cord

Mode Selector: 'Lift-and-rotate' dial type with SINGLE, SEQUENCE and OFF click positions; solid-state circuit for automatic film wind stop after last exposure

Shutter Release: Push button with release lock

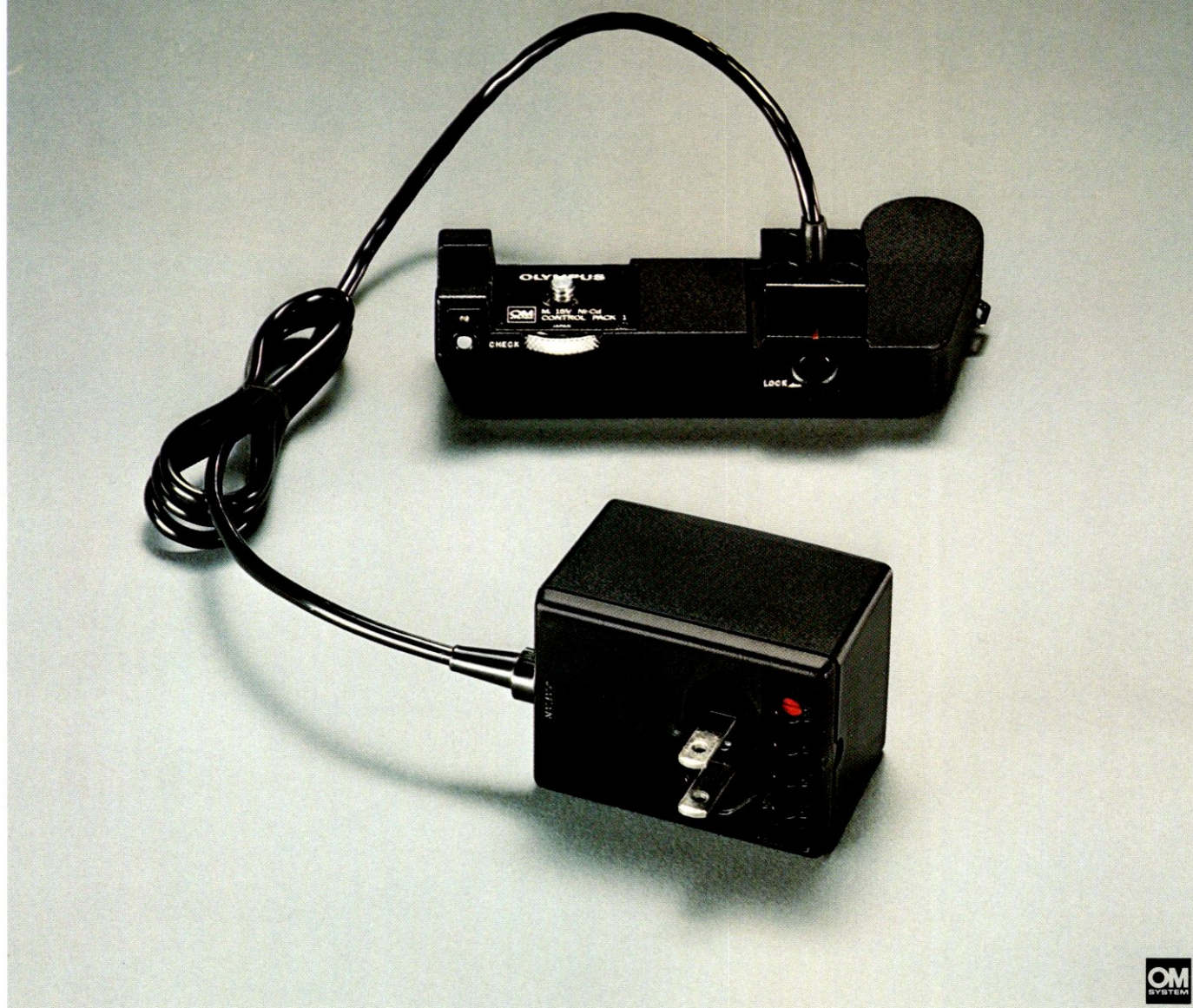
Battery Checking: Checker lamp (LED) indicates 3 levels

Dimensions & Weight: 129 × 67 × 35mm, 260gr.

(5 1/8 × 2 5/8 × 1 3/8 in., 9.2 oz.)

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M.15V Ni-Cd CHARGER1



Summary

- The charger for the M. 15V Ni-Cd Control Pack 1 is plugged into the household AC wall socket.

Main Characteristics

- Charging time for full capacity (for approx. 40 rolls of 36-exposure film) is 4~5 hours. In an emergency, a 5-minute charge will provide capacity for 1~2 rolls, and a 30-minute charge for 6~10 rolls.

Notes • Related Units

- Before charging, be sure the voltage switching screw is set to your local voltage rating.
- After charging, be sure to unplug the unit from AC mains.
- Depending on the shape of AC wall socket, an optional plug adapter may be necessary.

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OM SYSTEM M. 15V Ni-Cd CHARGER 1

● Body

Input: AC 100/115/220/
240V, 50/60Hz, 4VA
Output: DC 14.4V, 36mA

● Voltage Switching Screw

(Units designed for a particular input voltage are not provided with these screw holes.)

● Input Plug

● Terminal Contact

Snap on terminal plate of M. 15V Ni-Cd Control Pack 1 for charging. Mode selector may be set to any position.

● Finger Pins

When attaching DC plug to, and detaching from Control Pack, hold with thumb and index finger on the pins.

● Red Index Line

Align to index line of Control Pack for one-touch connection.

● Output Plug

● DC-cord 1m (3.3 ft.) long.

● Main Specifications

Type: Charger especially for use with M. 15V Ni-Cd Control Pack 1

Supply Circuit: AC 100/115/220/240V, 50/60Hz, voltage selection via clamping screw

Electrical Connection: (To Control Pack) Snap-on type special mount plug with 1-m

cord; (to household AC mains) plug-in type body with built-in safety fuse

Charging Time: 4~5 hours for full charge

Dimensions & Weight: 66×49×42mm, 260g (2 5/8×1 7/8×1 1/8in., 9.2oz.)

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M.A.C. CONTROL BOX



Summary

- Converts AC household current to DC current to supply power to the Motor Drive 1 via the Relay Cord.

Main Characteristics

- Capable of sequential (12 settings from 4 frames per second to 1 frame every 120 seconds) and single frame advance.
- Solid-state circuit to prevent wind-on during shutter opening and after last exposure.

Notes • Related Units

- Relay Cord 1.2m or 10m is required to connect the Control Box to the Motor Drive 1 (p. 421).

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M. AC CONTROL BOX

● Power Cord

Supply current—AC 100/115/220/
240V, 50/60Hz, 23VA
Output current—DC15V
1.8m (6 ft.) long

● Fuse Holder

0.5A (a spare fuse is supplied)

● Release Run Switch (Step ④)

Turn this lever to ON instead of continuous pressing on Release Button; particularly convenient in sequential filming with lengthy intervals.

● Pilot Lamp/Check Meter

Lights up when unit is turned ON. Meter needle swings to indicate shutter release.

● Intervalometer Dial (Step ③)

Functions on sequential mode only for 12-stage time-lapse photography.

● Terminal Contact

Accepts power plug of Relay Cord.

● Mounting Catch

Allows one-touch connection with Relay Cord.

● Mode Switch (Step ②)

Switches from SEQUENCE mode to SINGLE mode, and vice versa.

● Power Switch (Step ①)

Press to activate unit, after making sure Release Run Switch is set to "OFF".

● Shutter Release Button (Step ④)

Pressing this button completes film wind-on following exposure, setting camera for next shot.

● Main Specifications

Supply Current: AC 100/115/220/240V, 50/60Hz, 23VA

Output current: DC 15V

Connection with Motor Drive 1: Via Relay Cord

Shutter Release: Shutter release button or release run switch

Intervalometer: 12 settings—4, 2, and 1 frame per second; 1 frame every 2, 5, 10, 20,

30, 40, 60, 90, and 120 seconds (interval may vary slightly depending on voltage and shutter speed)

Dimensions and weight: 162×86×72mm, 1450g (6 3/8×3 3/8×2 3/4in., 2 lbs. 19 oz.)

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RELAY CORDS 1.2m/10m



Summary

- Connecting/remote-control cord between the Motor Drive 1 and the power unit. Allows the photographer to carry the Control Grip 1 or the Ni-Cd Control Pack 1 in his pocket to reduce the weight and bulk of hand-held equipment, or to prevent battery degradation in extremely cold temperatures or to permit comfortable picture taking with a tripod.

Main Characteristics

- The power supply plug is equipped with remote terminals and DC terminals to act as a relay box for commercially available DC power sources and remote control apparatus.

Notes • Related Units

- Power supplies — Control Grip 1, Ni-Cd Control Pack 1 and M. AC Control Box.
- Relay Cord 10m is ideal for extended remote control operation of the Motor Drive. However, due to the greater resistance in the long cord, a voltage drop of approx. one volt may occur with direct DC power, resulting in a slightly slower filming rate. To obtain best results, the use of M. AC Control Box and standard AC current is recommended.

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OM RELAY CORDS 1.2m/10m

● Terminal Contact

Connects to terminal plate of power unit.

Motor Drive Plug

Power Supply Plug

● Terminal Contact

Connects to terminal plate of Motor Drive.

● Red Index Line

Align to index line of Motor Drive for one-touch connection.

● Finger Pins (2)

When attaching power supply plug to, and detaching from Motor Drive 1, place thumb and index finger on the pins.

● Red Index Line

Align to index line of power unit for one-touch connection.

● Remote Terminal Sockets (A & B)

Accept leads from remote control apparatus for remote or simultaneous multiple motor drive photography (see illustration below).

● DC Terminal Sockets (+ & -)

Accept leads from large potential DC power supply (12~16V DC).

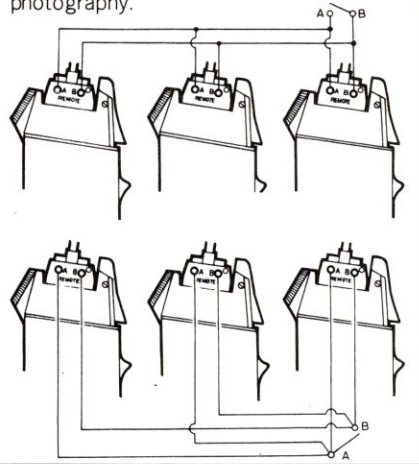
● Remote Terminal Buttons

Hold inserted leads tightly.

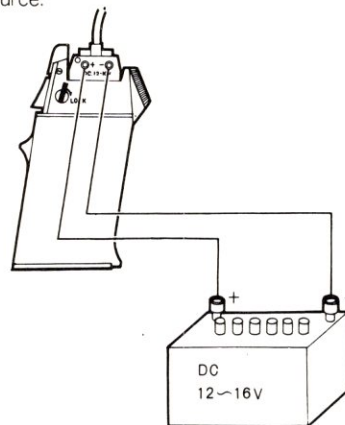
● DC Terminal Buttons

Hold inserted leads tightly (see illustration below).

Simultaneous multiple motor drive photography.



To use large potentiality DC power source.



● Main Specifications

Cord: 5 poles

Max. supply voltage: DC 18V (12 1.5V AA batteries), DC12~16V
(other power sources)

Power consumption: Average 1A, momentary max. 2A

DC terminal & remote terminal: Built in.

Coupling: One-motion attachment with special mount.

Overall length: 1.2m and 10m (4ft. and 33ft.)

Weight: 80g or 2.8oz. (1.2m) and 280g or 9.9oz. (10m)

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250 FILM BACK 1



Summary

- Attached to the OM camera body in place of the standard camera back, the 250 Film Back 1 provides up to 250 exposures on 10m (33ft.) lengths of bulk film.

Main Characteristics

- Tailored to the compact camera body, unusually compact and lightweight. Can be attached to the camera body before or after the Motor Drive 1 or Winder 1.
- Motor Drive stops wind-on automatically when the preset exposure counter has reached "0".

Notes • Related Units

- Two 250 Film Magazines are required for film supply and take-up, respectively (p. 432).
- The 250 Film Loader proves handy in winding bulk film onto the supply spool (p. 433).
- The Eyecoupler must be used with the Eyecup I for comfortable viewing of viewfinder images (p.221).

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OM SYSTEM 250 FILM BACK 1

● Rear Cover Button

Pull backward to remove rear cover after unlocking Rear Cover Lock Key below.

● Rear Cover Lock Key

Pull up to unlock rear cover.

● Key Lock Plate

Locks Key above when Open/Close Knob (Right) is turned to "CLOSE" position.

● Open/Close Knob (Right)

Opens Right Magazine and locks Rear Cover Lock Key and Camera Clamp Knob when turned to "CLOSE" for picture taking.

● Magazine Chamber (Right)

Accommodates Right Magazine containing a take-up spool.

● Camera Clamp Plate

Clamps camera body on right side when Camera Clamp Knob below is turned.

● Camera Clamp Knob

Turning this knob in direction of arrow causes Camera Clamp Plate to press against camera body. Turning of Open/Close Knob (Right) to "CLOSE" locks this knob.

● Fork Knob (Right)

Pull out to accommodate Right Magazine. Push back in and turn to tension film.

● Film Type Indicator

Serves as a reminder for film type or ASA speed.

● Open/Close Knob (Left)

Closes Left Magazine and extends Camera Holder, when turned to "CLOSE" for picture taking.

● Camera Holder

Protrudes to hold camera on left side when Open/Close Knob (Left) is turned to "CLOSE".

● Exposure Counter

Subtracting type; to be preset manually. At "0", Motor Drive stops wind-on automatically.

● Magazine Chamber (Left)

Accommodates Left Magazine containing a loaded spool for film supply.

● Camera Stage

When fitting camera body to Film Back, first place left-side bottom on Stage for positioning. Then allow right side to fit closely on Film Back.

● Motor Drive Coupling Terminal

For cordless electrical contacts with Motor Drive or Winder.

● Tripod Socket

● Motor Drive Coupling Gear

● Fork Knob (Left)

Pull out to accommodate Left Magazine. To push back in, turn slightly right and left.

● Main Specifications

Camera: Olympus OM-1 and -2 (prepared for motor drive)

Film capacity: Max. 10m (33 ft.) of standard 35-mm format film

Camera mounting: Clamps to camera body in place of standard camera back

Film loading: Two 250 Film Magazines with spools

Film wind-on: (Auto) with Motor Drive/power unit—sequential and single frame advance; with Winder 1—single frame advance

(Manual) with camera's advance lever

Exposure counter: Subtractive; manual preset; auto stop at "0"

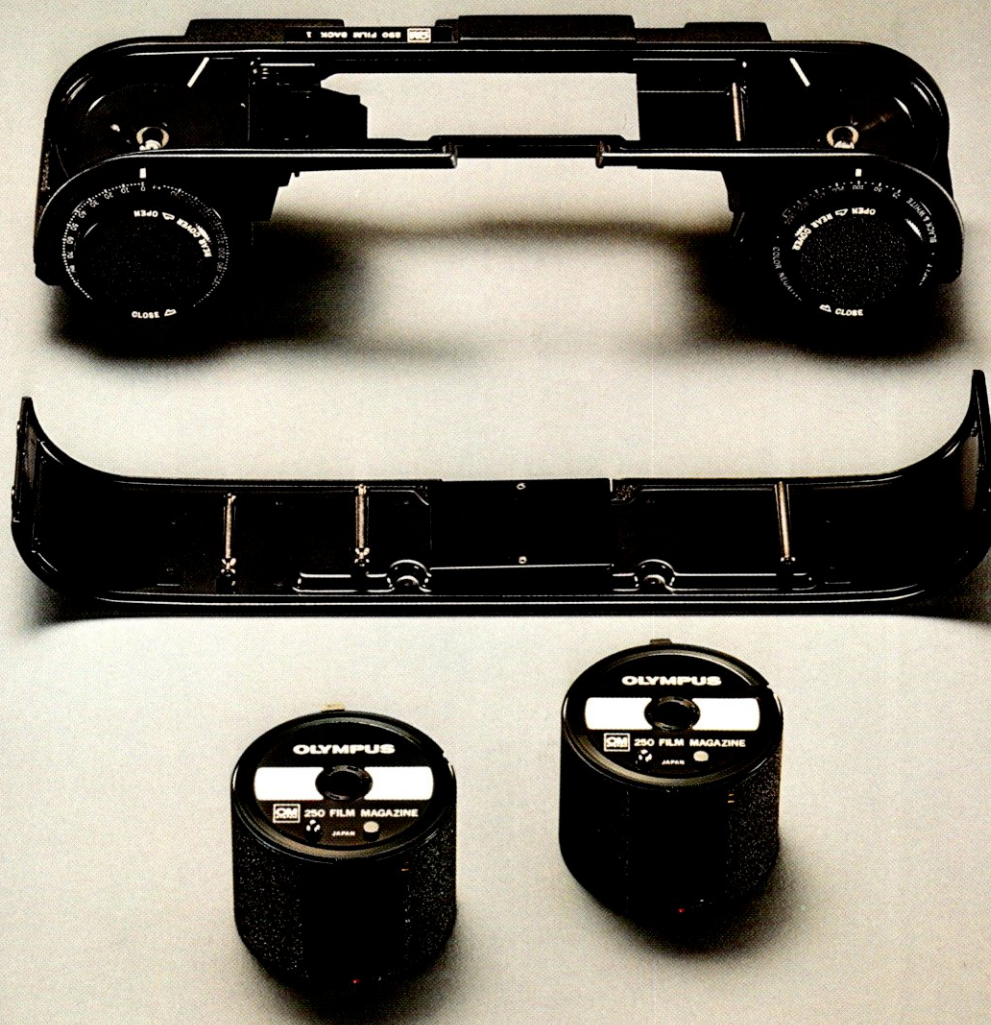
Film type indicator: Manual setting

Rear Cover: Hook-on type, fixed by lock key

Dimensions & weight: 63×272×85 mm, 600 g (2 1/2×10 3/4×3 3/8 in., 21.2 oz.)

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250 FILM MAGAZINE



Summary

- A pair of magazines, each containing a spool for film supply and take-up, are required for the 250 Film Back 1.

Main Characteristics

- Blank space for entering memos is provided on the top surface.
- Film cutter to cut off exposed length of film is provided on the edge of the outer shell.

Notes • Related Units

- 250 Film Back 1 (p. 431)
- The 250 Film Loader makes otherwise lengthy spooling fast and easy (p. 433).

250 FILM MAGAZINE

● Flat Button

Holding this button between fingers, turn Inner Shield clockwise until it stops with a click to close magazine (lightproof).

● Push Button

Depressing this button, turn Inner Shield clockwise to open and dismantle magazine.

● Blank for Film Reminder

Write down number of unexposed frames and other data.

● Inner Shield

● Opening

● Slot

Allows smooth film insertion in dark-room.

● Spool

For up to 10-m (33-ft) long film (max. 250 exposures).

● Film Cutter

● Opening

● Index Dot

Positioning mark for loading into magazine chamber.

● Outer Shield

● Main Specifications

Type: Double shells for opening/closing; film cutter and memo blank provided

Camera back: OM System 250 Film Back 1

Film capacity: 10m (33 ft) of 35-mm format film

OLYMPUS

250 FILM LOADER & LARGE SPOOL



Summary

- The 250 Film Loader permits fast and easy winding of bulk film onto the spool of the 250 Film Magazine.

Main Characteristics

- Quick and easy to use in the darkroom.

Notes • Related Units

- Commercially available 100-ft roll film cans.

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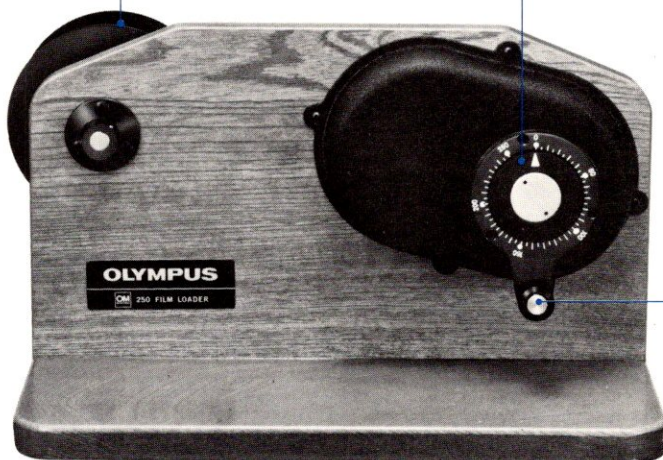
OM SYSTEM 250 FILM LOADER & LARGE SPOOL

● Large Spool

100-ft canned roll film is mounted on this spool. To mount, first remove rim by twisting counter-clockwise, put film on, and replace rim.

● Scale Plate

To preset desired number of frames (max. 250), pull this out and turn counter-clockwise.



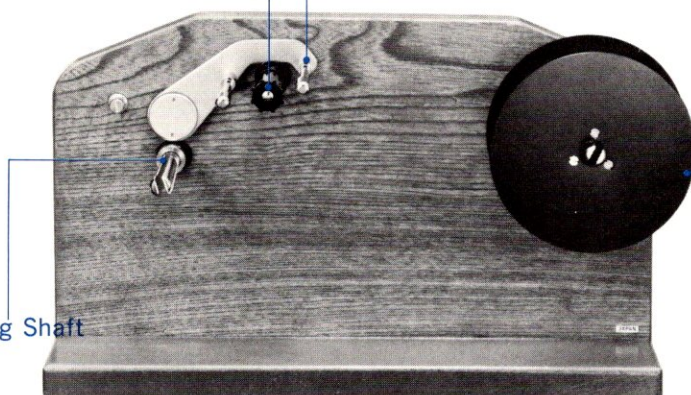
● Hand Crank

● Sprocket

Engages with perforations of roll film being wound.

● Film Holding Lever

Stops at set position with a click to press on film and prevent slippage.



● Large Spool

● Magazine Spool Receiving Shaft

Accepts an empty 250 Film Magazine spool.

● Main Specifications

Film: Standard 35-mm format 100-ft roll film

Film spooling: Rotating hand crank with automatic stop at preset film length

Frame counter: Subtractive, manual setting with automatic stop at "0"

Max. spooling length: 10m (33 ft.) for 250 exposures

Dimensions & weight: 142×250×153mm, 940 g (5 5/8×9 7/8×6 in., 33.2 oz.)

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