

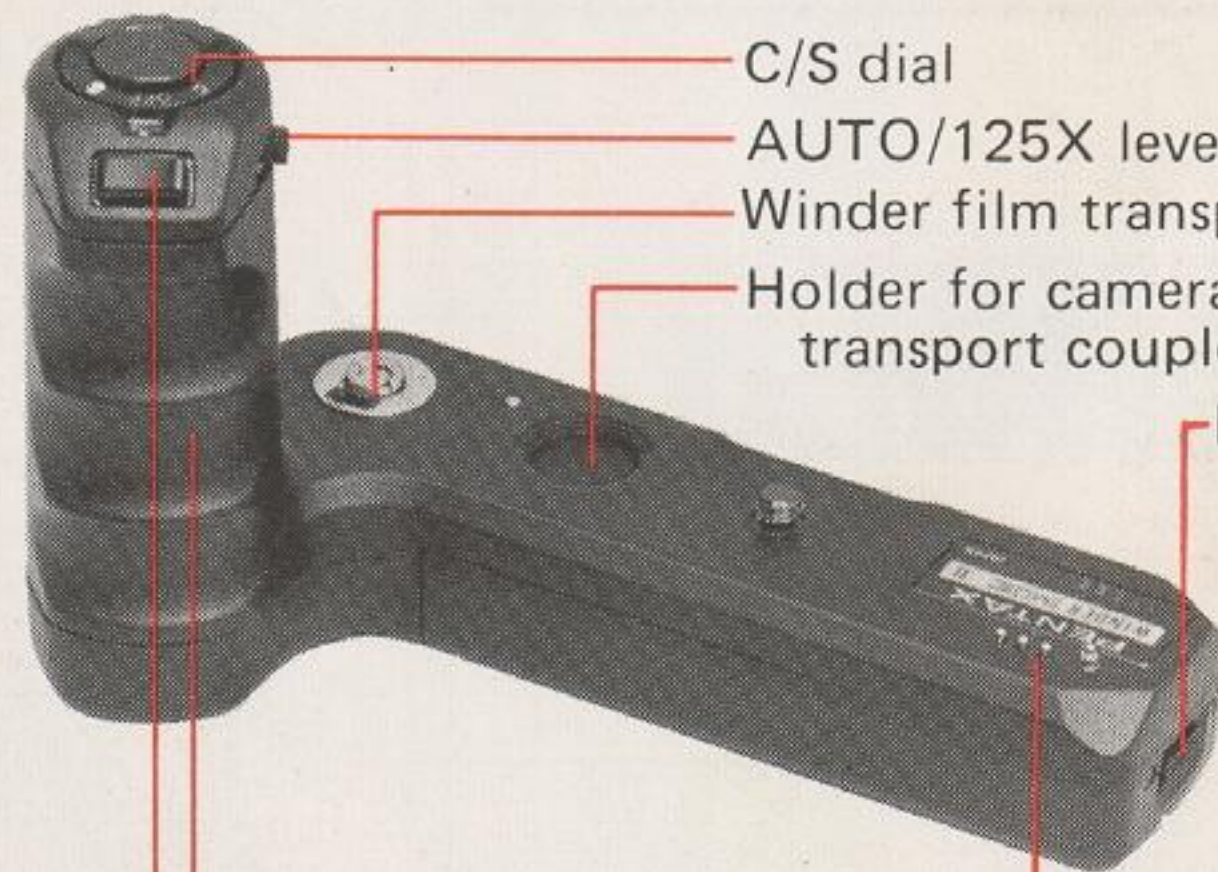
## DESCRIPTION OF PARTS

1



Shutter release button  
Trigger release button

2



C/S dial  
AUTO/125X lever  
Winder film transport coupler  
Holder for camera film  
transport coupler cap  
Battery cartridge  
lock release  
Direct contact  
terminals  
Grip  
Trigger release button



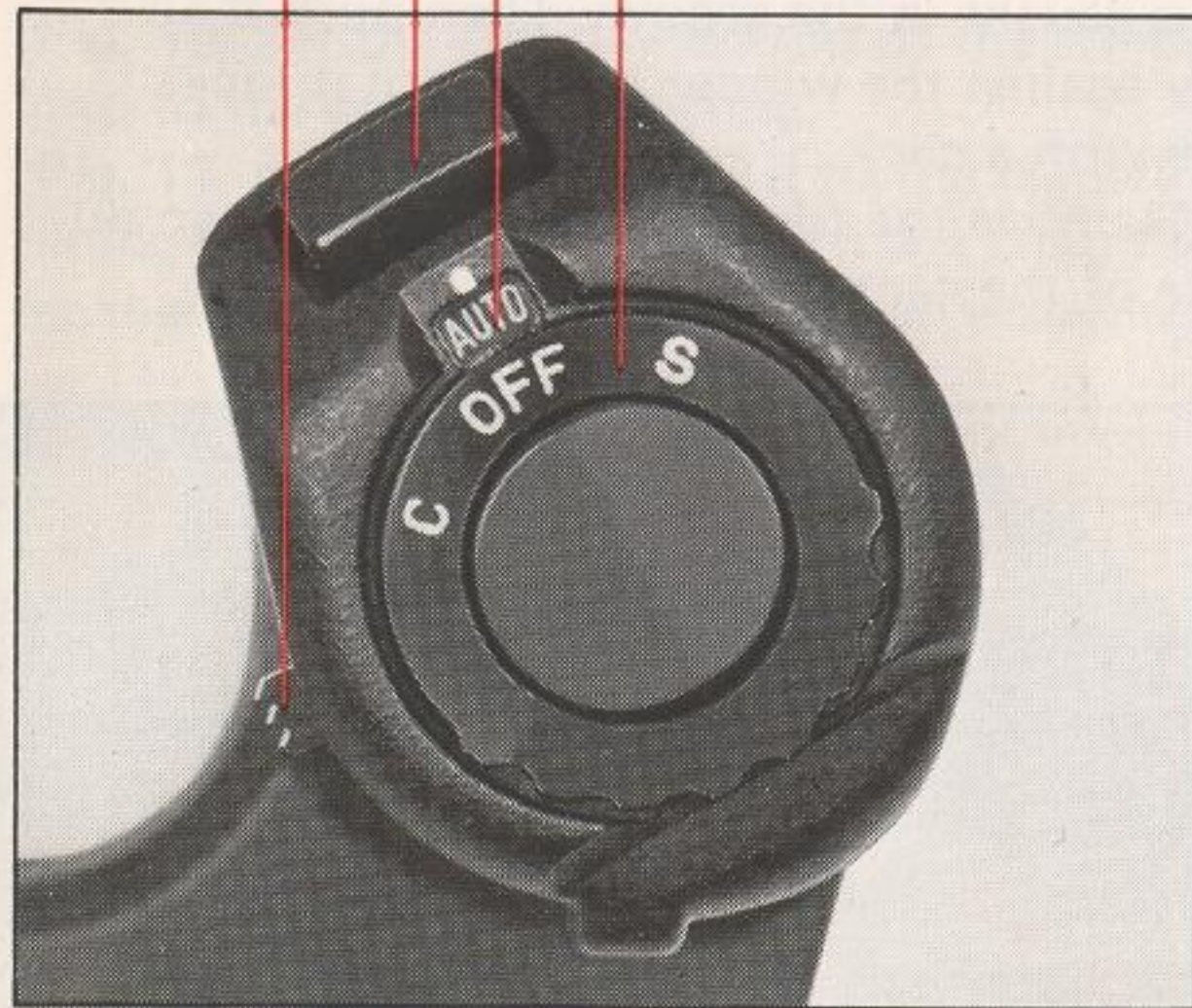
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AUTO/125X lever

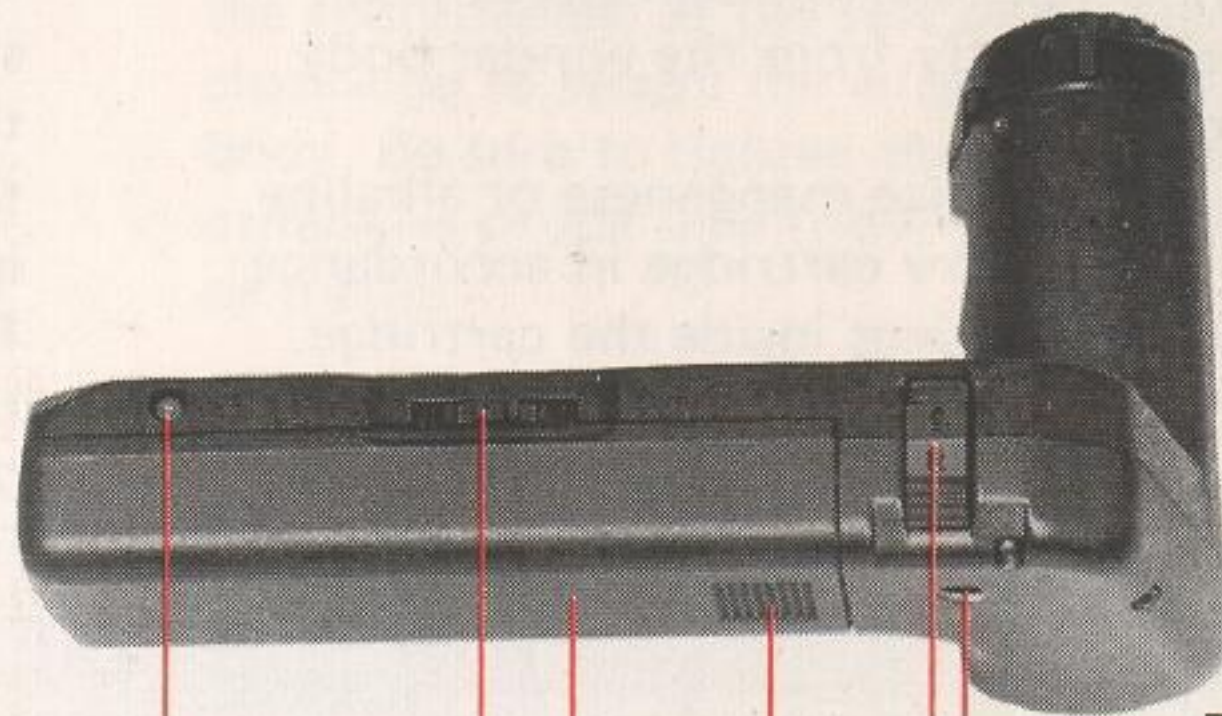
Trigger release button

AUTO/125X indicator

C/S dial



4



Tripod socket

Film rewind lever

Battery cartridge lock release

Battery cartridge

Winder thumbscrew

Confirmation LED

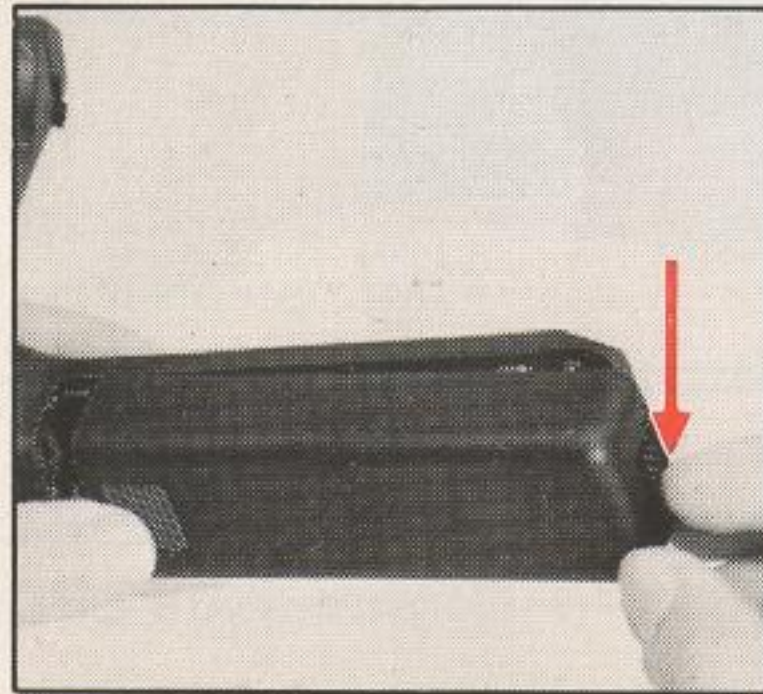


## LOADING BATTERIES AND ATTACHING THE WINDER

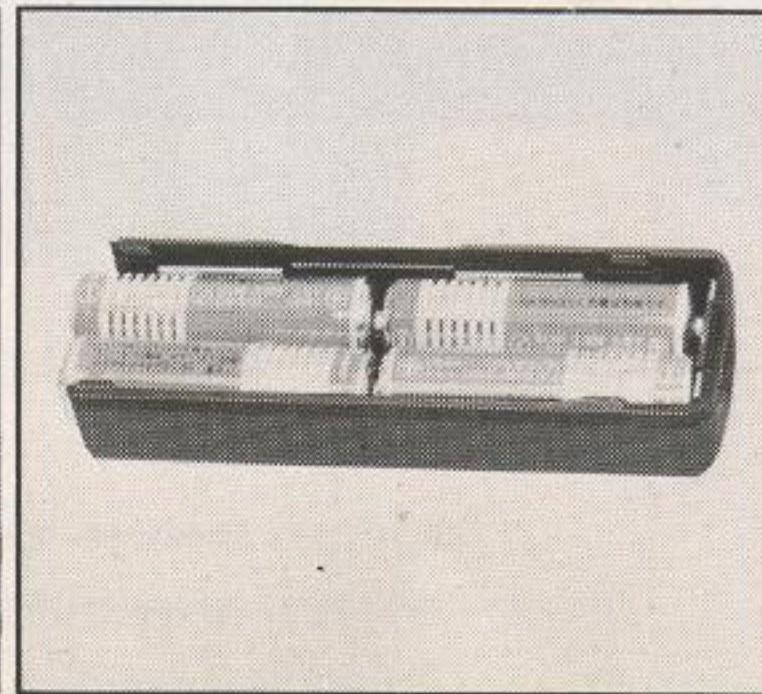
**Fig. 5** To remove the battery cartridge, press the lock button in the direction of the arrow; then, while holding the lock button depressed, slide the cartridge out slightly from the winder body and remove it.

**Fig. 6** Insert four AA-size manganese or alkaline batteries into the battery cartridge in accordance with the (+) (−) engravings inside the cartridge.

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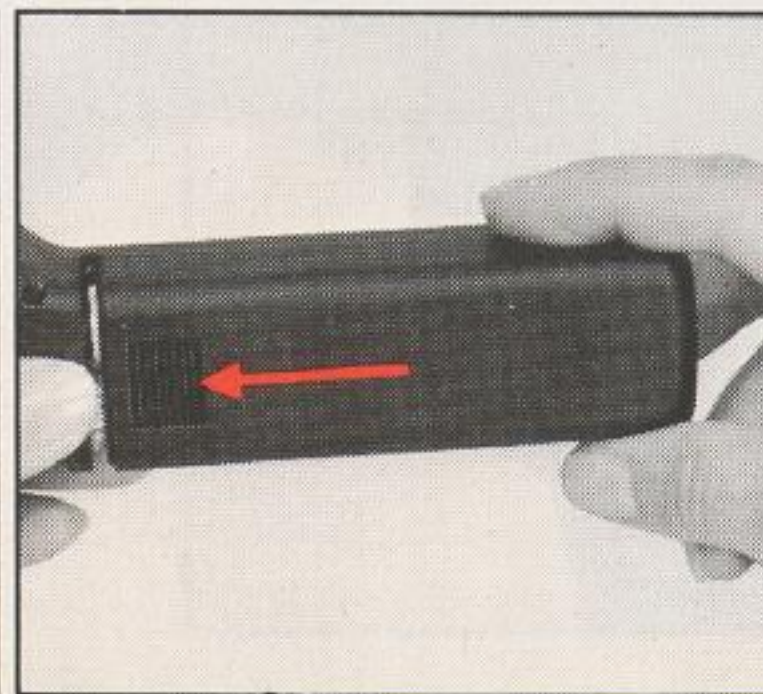
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**Fig. 7** Replace the loaded battery cartridge by aligning the cartridge flush with the winder body, with the tips of the batteries showing. Next, slide the cartridge back and forth slightly to see that it is caught in the groove. Then push it all the way against the winder body until it locks in place with a click.

**Fig. 8** Remove the film transport coupler cap on the base of the camera by turning it counter-

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clockwise with a coin.

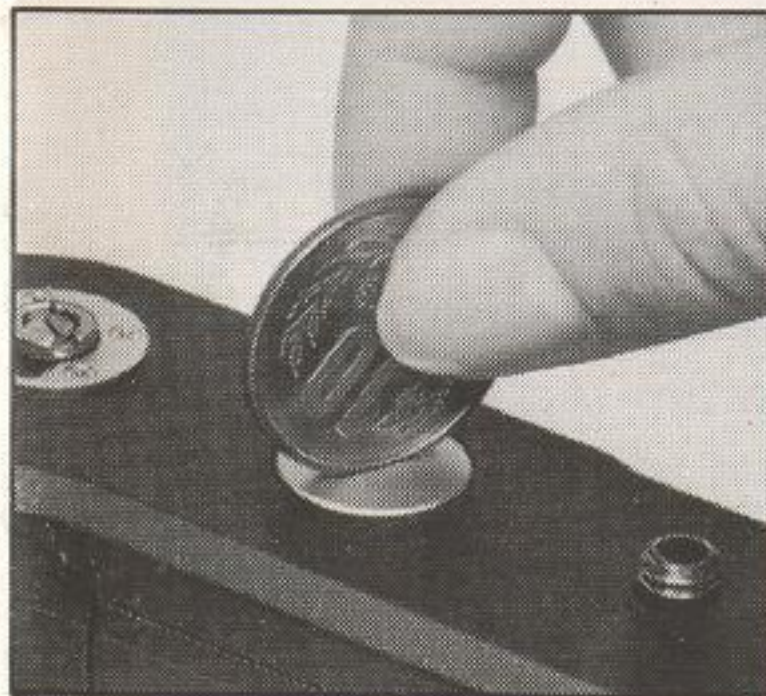
**Fig. 9** In order not to loose the coupler cap, screw it into the cap holder provided on the belly of the winder.

**Fig. 10** Set the C/S dial on top of the winder grip to the green OFF setting.

**Fig. 11** Attach Winder ME II to the camera by lining up the winder screw with the tripod socket at the base of the camera. After ascertaining that

the winder unit is flush with the camera body, and all contact points match up properly, turn the thumbwheel at the side of the winder clockwise to secure the winder to the camera body. Be sure to tighten the wheel firmly; otherwise proper electrical contact will not be made.

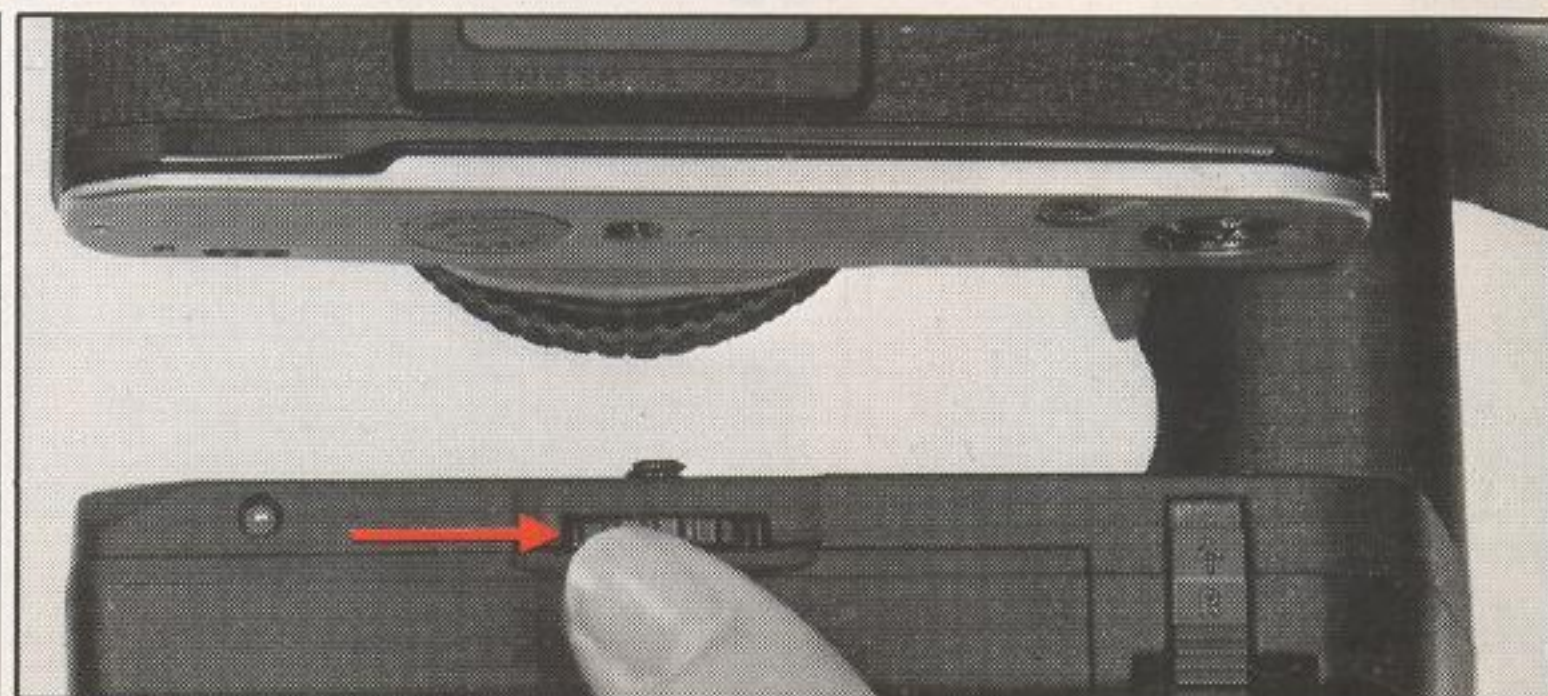
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## OPERATING THE WINDER

### BASIC OPERATION

**Fig. 12-A & 12-B** Winder ME II features two operating modes. After the preliminaries have been completed, set the winder C/S dial to either C (for consecutive exposures) or S (for single-frame film advance).

The shutter is released via the trigger release button on top of the winder grip (do not use the camera shutter button as the film will not advance

**12-A**



**12-B**



automatically).

When operating in the C mode, the winder fires continuously until you let go of the trigger release button with your finger. Film advance speed varies in relation to the shutter speed in use. Top speed is 2 frames-per-second with fresh batteries when shutter speed permits. At slow shutter speeds the film advance rate slows to synchronize with the shutter speed being used.

All shutter speed settings on the camera's exposure mode dial (except B) synchronize with the winder. In the S mode, the winder advances the film to the next exposure and stops after you release the shutter with the trigger release button. To take another picture, you must press the button again.

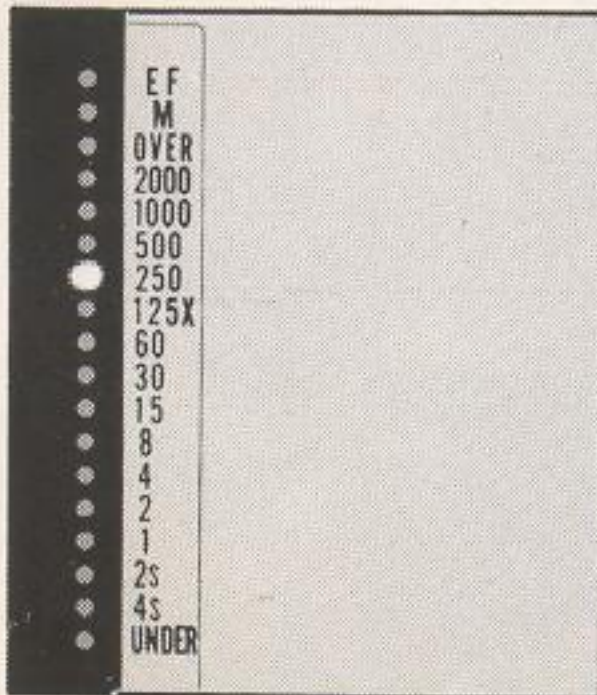
**CAUTION:** When shooting in limited lighting conditions with the camera set for the AUTO mode, long exposures may result. Regardless of whether the winder is set for the C or S mode, extreme care should be taken to hold the camera



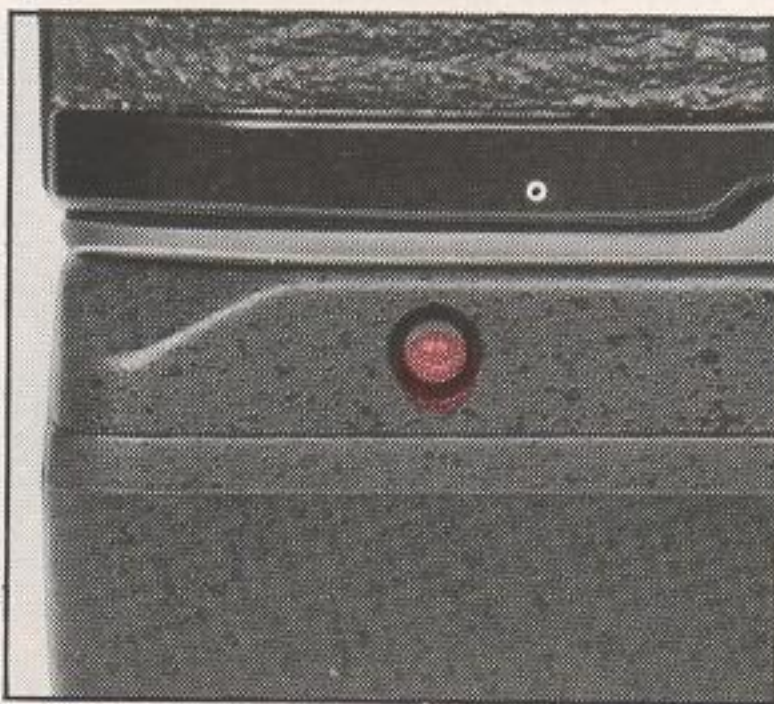
steady when shooting in such situations. Moreover, do not press the trigger release button a second time until you are sure that the exposure underway has been completed; otherwise unnecessary camera movement may ruin the exposure.

**EXPOSURE CHECK: Fig. 13** When the trigger release button is partially depressed with the camera mode selector set to AUTO (and also "M", in the case of the ME SUPER), the camera's exposure metering system is activated and the viewfinder LED exposure readout is given.

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Exposure readouts are not given when the camera mode dial is set to 100X or 125X; or when the winder's AUTO/125X lever is not set to AUTO. (See Fig. 16-A & 16-B).

**WINDER CONFIRMATION LAMP: Fig. 14**

The red LED confirmation lamp on the back of the winder flashes when the shutter releases and the instant the film is advanced to confirm that the winder is functioning properly.

**FILM LOADING: Fig. 15** Load the film in the camera make two blank exposures in the normal



Manner with the camera's rapid wind lever so that the film catches on the take-up spool. Then, close the back cover and continue advancing the film with the rapid wind lever until the figure "1" appears in the exposure counter window. (NOTE: You may also advance the film to the first exposure with the winder, but, first, be sure to

16-A



16-B



match up the winder's AUTO/125X lever with the camera mode dial (See Fig. 16-A & 16-B).

### **AUTO/125X LEVER**

**Fig. 16-A & 16-B** The winder's AUTO/125X lever is set differently depending on whether or not the camera's electronic shutter is being used. Generally speaking, when the camera is set to operate in the AUTO exposure mode and also "M" in the case of the ME SUPER), keep the AUTO/125X lever set at AUTO. When the camera's mechanical shutter is being used (i.e. at the 100X setting of the ME and MV-1 or at 125X setting of the ME SUPER), set the AUTO/125X lever at 125X.

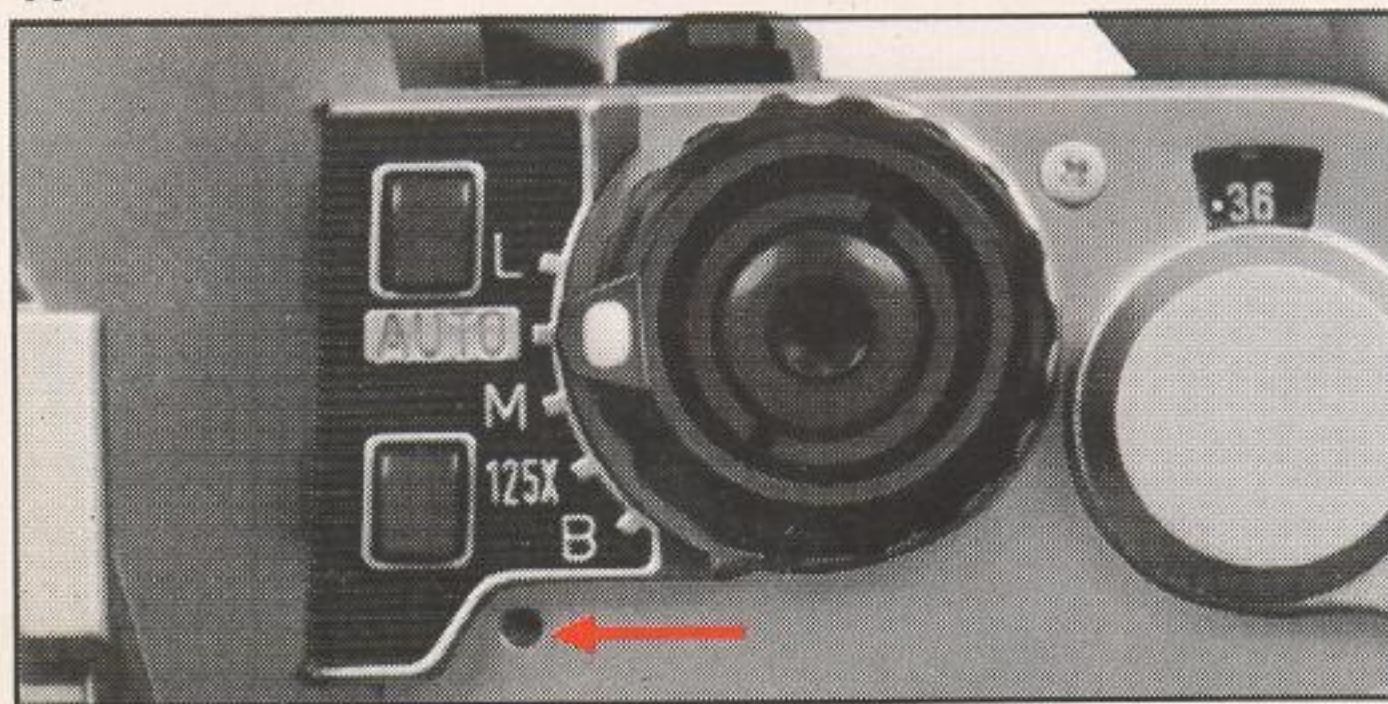
**CAUTION:** Failure to set the AUTO/125X indicator properly will result in incorrect exposure.



## ATTACHING THE WINDER TO LOADED CAMERAS

When attaching the winder to a camera that is already loaded with film, first, make sure that the camera's rapid wind lever is not cocked. Then, mount the winder in the same manner as indicated in Figs. 10, 11 and 12. (See pages 5 — 6.)

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**Fig. 17** Next, cock the shutter with the winder by setting the C/S dial to S and pressing the trigger release button until the shutter cocked indicator behind the camera's exposure mode dial (i.e. shutter dial) turns red. After cocking the shutter in this manner, you may leave the C/S dial set to S and take the picture by pressing the button once again, or you may switch to the C setting and make consecutive exposures.

**CAUTION:** The shutter will not release when you press the trigger release button with the shutter uncocked. Although the shutter button will move, the shutter does not release until you press the trigger button the second time. For this reason, be sure to set the dial to S when cocking the shutter with the winder. If it's set to C, there's danger of accidental shutter release if you do not let go immediately.



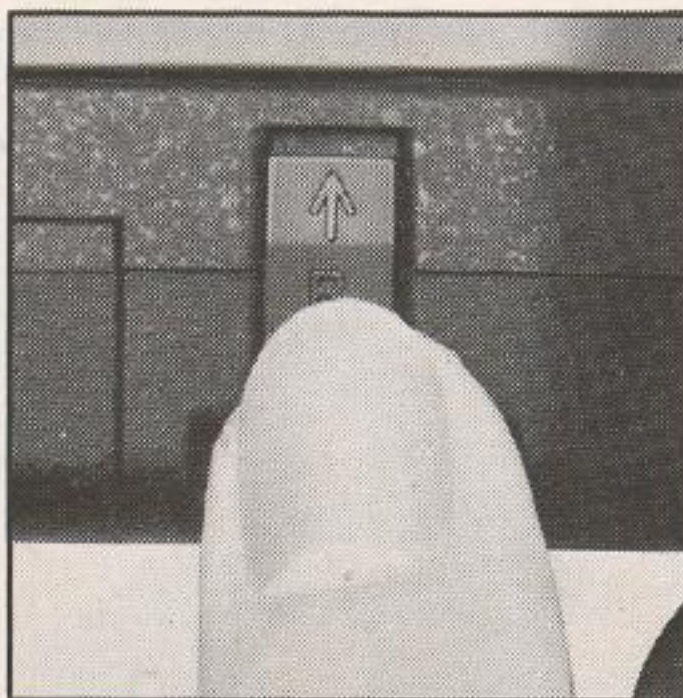
## FILM REWIND

**Fig. 18** When you reach the end of the film roll, the sound of the winder unit will suddenly change and the camera film rewind crank will cease to turn. At this point, check the exposure counter to ascertain if all the exposures have been made. (NOTE: The LED indicator lights constantly when you reach the end of the film in the C mode.

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It still flickers in the S mode, however, so be sure to check the exposure counter before rewinding the film.)

**Fig. 19** Next, push the film rewind lever of the winder unit (i.e. the lever marked "R") in the direction of the arrow; this locks the camera film rewind lever in the upraised position so that you may rewind the film. Proceed to rewind the film with the camera film rewind crank in the usual manner.



## REMOTE CONTROL OPERATION

**Fig. 20** Remove the cap for the remote terminal on top of the winder grip with your finger nail. To prevent loosing the cap, fit it over the remote release button of the Remote Control Cord shown in Fig. 21. The cap may be also conveniently stored inside the winder by removing the battery cartridge and inserting it in the hole in the base of the winder shown in Fig. 22.

**Fig. 23** Plug the 5m Remote Control Cord (available optionally) into the remote terminal and tighten the collar to secure the plug in place. **Fig. 24** Press the button at the other end of the Remote Control Cord to release the shutter. The remote release button functions in the same manner as the trigger release button does during normal operation.

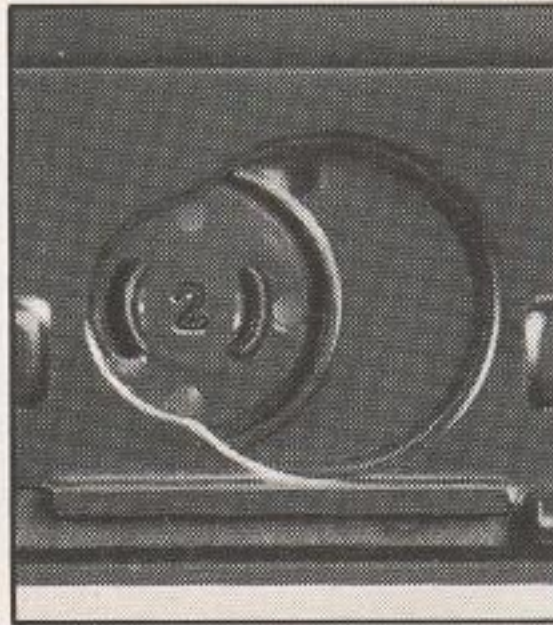
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## PRECAUTIONS

1. When attaching the winder to unloaded cameras and making blank exposures with the camera's rapid wind lever, the lever may not return to its original position. If this occurs, press the trigger release button one time to restore normal operation.
2. When shooting in the vertical format, hold the winder grip in the upright position, where the trigger release button is easily depressed. If held otherwise, camera movement will increase.
3. When using the self timer in conjunction with the winder, or when you release the shutter with the camera's shutter button, the film does not automatically advance to the next exposure. In these instances, you will have to advance the film and cock the shutter following the exposure by pressing the winder trigger release button as explained on page 9.
4. With exposures in excess of 1 second, do not turn the winder C/S dial to OFF nor remove the winder until you are sure that the exposure has been completed.
5. Do not use the camera's B shutter speed setting with the winder. If you should accidentally press the trigger release button with the camera's mode dial set to B and the shutter locks open, turn the mode dial to 125X, in the case of the ME SUPER, (100X with the ME and MV-1) to close the shutter and restore normal operation.
6. When not using the winder be sure to set the C/S dial to OFF. This prevents accidental shutter tripping when film is loaded in the camera.



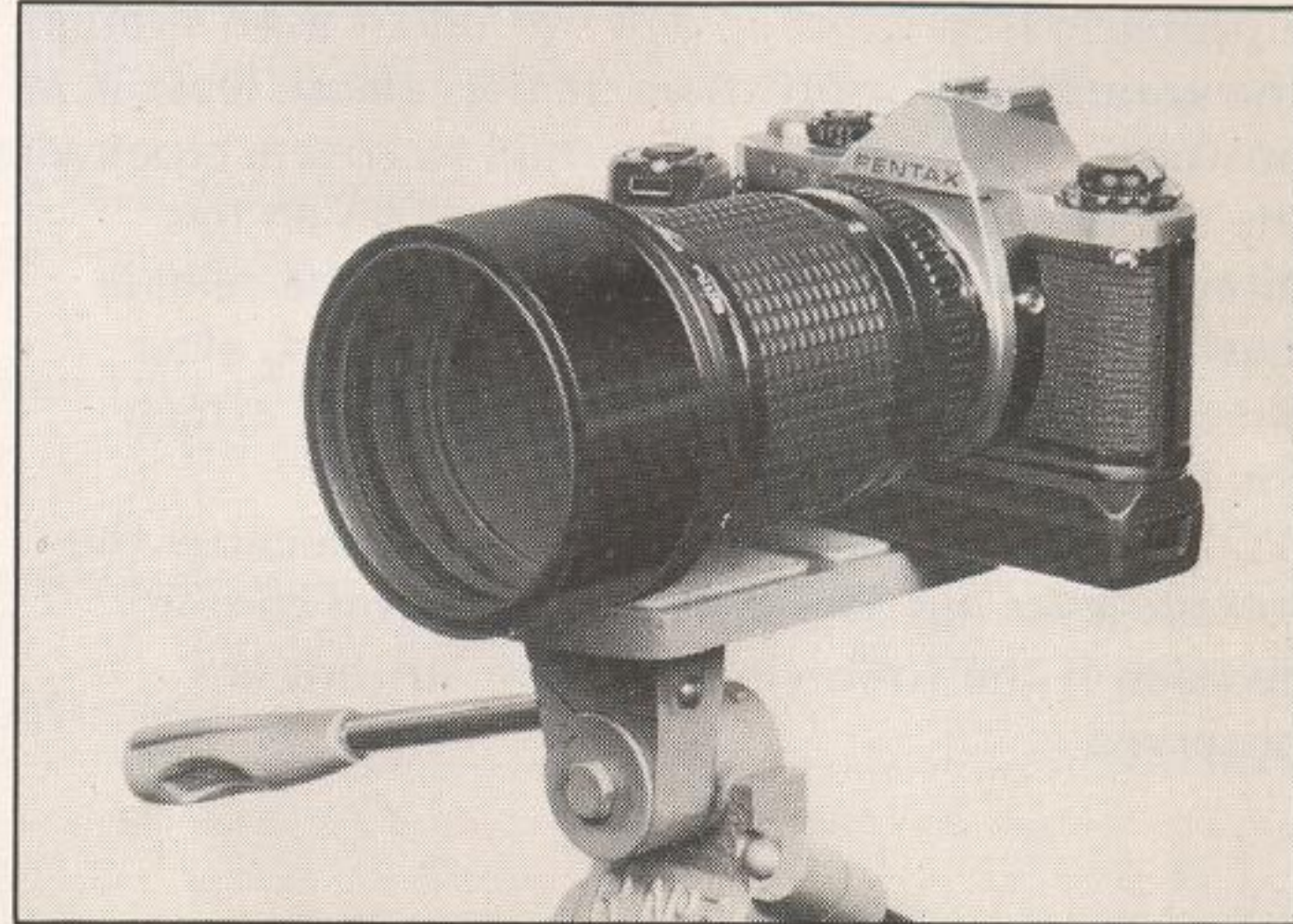
## BATTERY PRECAUTIONS

- Photographers who rely on the winder a lot are advised to use high-performance alkaline batteries for best results. Also, batteries should be used within one year of the expiration date (usually marked on one of the contact terminals of the battery).
- Battery performance tends to deteriorate at temperatures near freezing, and the winder may stop functioning temporarily. When operating in extremely cold temperatures, keep a set of spare batteries (that have not been subjected to the cold) on hand so that the winder will continue to function. As battery performance returns to normal when cold batteries are subjected to warm temperatures, store them in a warm pocket, etc., to restore normal function as soon as possible.
- Remove batteries from the cartridge when not using the winder for long periods of time to avoid damage from possible leakage.

## MOUNTING THE WINDER TO A TRIPOD

**Fig. 24** Winder ME II is fitted with a tripod socket at its base to enabling mounting to a tripod as illustrated.

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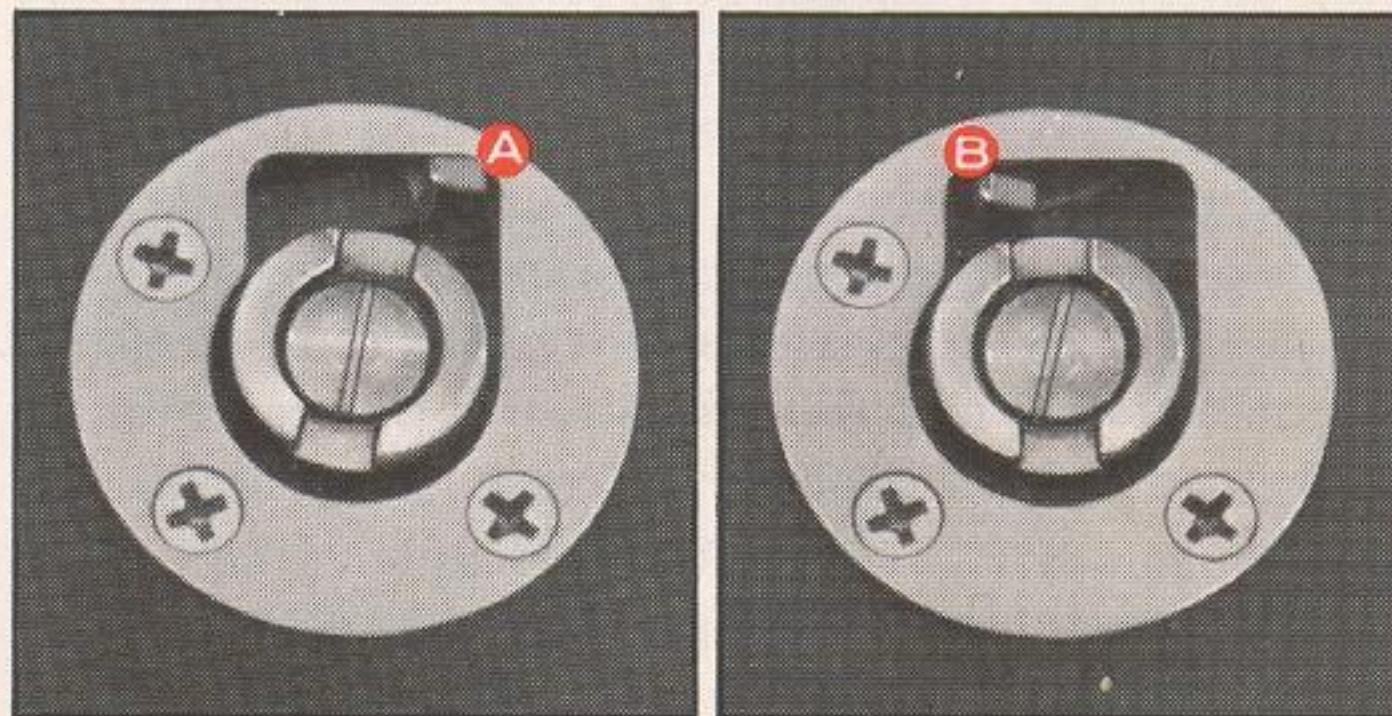


## CAUTION

The release lever should be in position **A** (see arrow in the accompanying illustration) before attaching Winder ME II to the camera body. If attached with the release lever in position **B**, automatic film winding will not occur even though the winder motor operates. If the release lever is in position **B**, use your fingernail to rotate clockwise the circular film transport coupler (which lies directly below the release lever) until the release lever returns to its correct position. Next, after checking that the C/S dial is set to OFF, attach the winder.

*NOTE:* Operating problems occurring because the release lever has slip to the **B** position can be avoided if the following two precautions are observed.

1. Never set the C/S dial to OFF while your finger is depressing the trigger release button. When you wish to change the position of the dial, remove your finger from the button first.
2. Never operate the winder with the camera mode dial set to "B". If the trigger release button is depressed with the camera set for the B mode, the release lever may slide to the **B** position.





## SPECIFICATIONS

Type:	Automatic film winder for Pentax ME SUPER, Pentax ME and Pentax MV-1.
Power Source:	Four manganese or alkaline penlight batteries (1.5V AA-size); transport a minimum of 20 rolls of 36-exposure film with manganese batteries.
Film Transport Rate:	Up to 2 frames-per-second in consecutive mode (C) in synchronization with camera's shutter speed; single-frame operation at S setting of mode selector dial.
Shutter Release:	Via trigger release button built into winder grip.
Shutter Speed Sync:	At all camera operating speeds, including AUTO, M, 125X (or 100X), except B.
Confirmation:	Red LED indicator flashes when film advances and instant shutter releases.
Remote Control:	Via accessory Remote Connector Cord (optional); remote control terminal on winder grip.
Other Features:	Tripod socket, removable battery cartridge.
Dimensions:	144 (W) x 89 (H) x 69mm (D) 5.6 in (W) x 3.5 in (H) x 2.7 in (D)
Weight:	325 grams, (11.4 ozs) (with batteries)



**PENTAX**

**WINDER**  
**ME II**

