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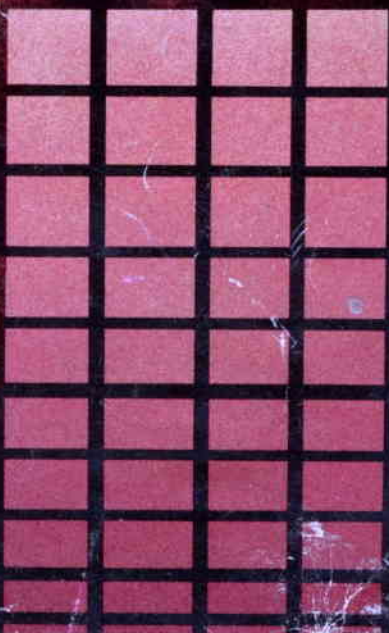
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EXAKTA

EDX 3

EDX 2



Congratulations on your choice of the EXAKTA EDX 3 or EDX 2 (as the case may be) camera which should bring you complete enjoyment of photography because of its great simplicity and ease of operations. The instructions following cover both EDX 3 and EDX 2 which are almost identical twins. The principal differences are the possibility of attaching an exclusive Auto Winder EX to the EDX 3 and thus providing it with motorized film winding and shutter charging operations, and an additional split-image focusing spot.

Although operations are very simple, may we suggest that you read instructions through once before you even touch the camera, as your pleasure in using the camera will be greater if you are thoroughly familiar with it.

Herzlichen Glückwunsch zu Ihrer Wahl einer EXAKTA EDX 3 oder EDX 2 Kamera, die Ihnen viel Freude am Fotografieren garantiert durch die unkomplizierte Handhabung.

Die folgenden Gebrauchshinweise gelten für die EDX 3 und die EDX 2, die sich durch folgendes unterscheiden: die EDX 3 ist einmal für die Verwendung des EXAKTA Auto Winder EX eingerichtet, der den motorischen Filmtransport und Verschlussablauf besorgt, und besitzt zum anderen einen zusätzlichen Schnittbildentfernungsmesser.

Trotz der unkomplizierten Handhabung der beiden Modelle empfehlen wir, vor den ersten Praxisversuchen unsere Gebrauchshinweise genau zu studieren.

Nous vous félicitons d'avoir choisi le EXAKTA EDX 3 / EDX 2 (suivant le cas), grâce auquel vous ne connaîtrez que les côtés agréables de la photographie, tellement son utilisation est facile et commode. Les instructions de cette brochure s'appliquent aussi bien au EDX 3 qu'au EDX 2, qui sont presque identiques. La différence principale est la possibilité d'utiliser, avec le EDX 3, l'Auto Winder EX qui assure automatiquement, par son moteur électrique, l'avancement du film et l'armement de l'obturateur. Bien que les opérations soient très simples, nous vous conseillons de lire attentivement les instructions avant tout maniement de l'appareil. Lorsqu'elles vous seront familières, votre plaisir d'utiliser votre EXAKTA n'en sera que plus grand.

Le felicitamos por su acierto en escoger la EXAKTA EDX 3 o EDX 2 (según sea su caso) la cual le brindará una amplia gama de posibilidades en fotografía debido a su gran simplicidad y operaciones. Las siguientes instrucciones cubren ambas, la EDX 3 y la EDX 2 las cuales son casi gemelas. La principal diferencia entre ambas es la posibilidad de adaptar un AutoWinder EX exclusivo a la EDX 3 el cual provee a esta de rebobinado de película motorizado y operaciones de carga del obturador. A pesar de que las operaciones son muy simples, le sugerimos se sirva leer las instrucciones antes de que Ud use la máquina, ya que de esta forma obtendrá un mayor placer en el uso de la misma y se familiarizará con ella.

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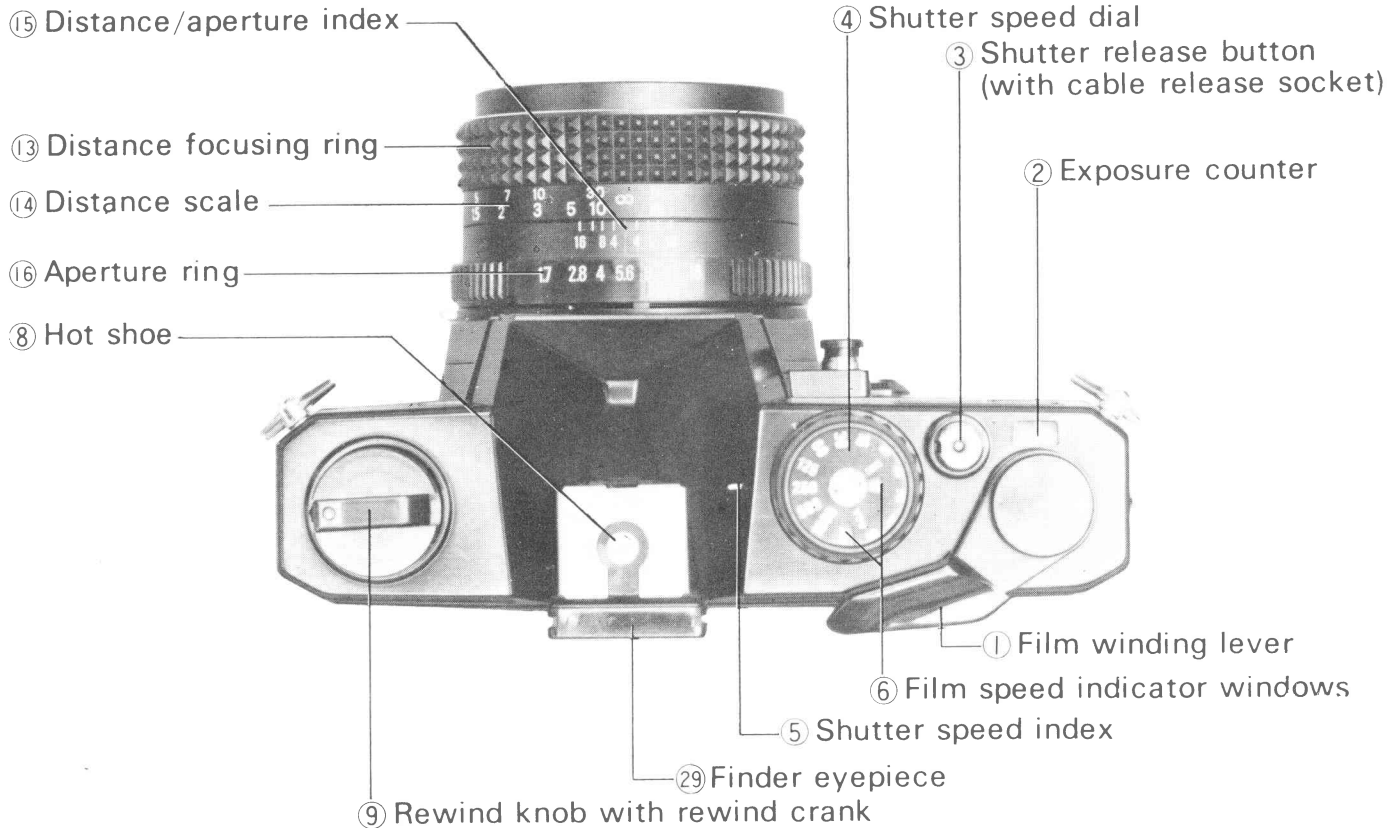
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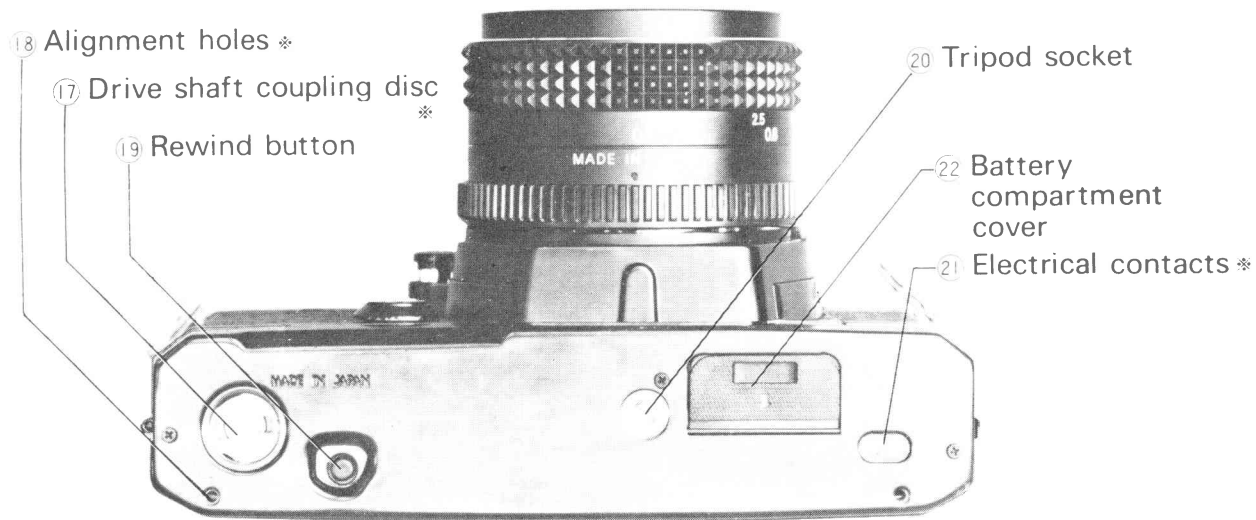
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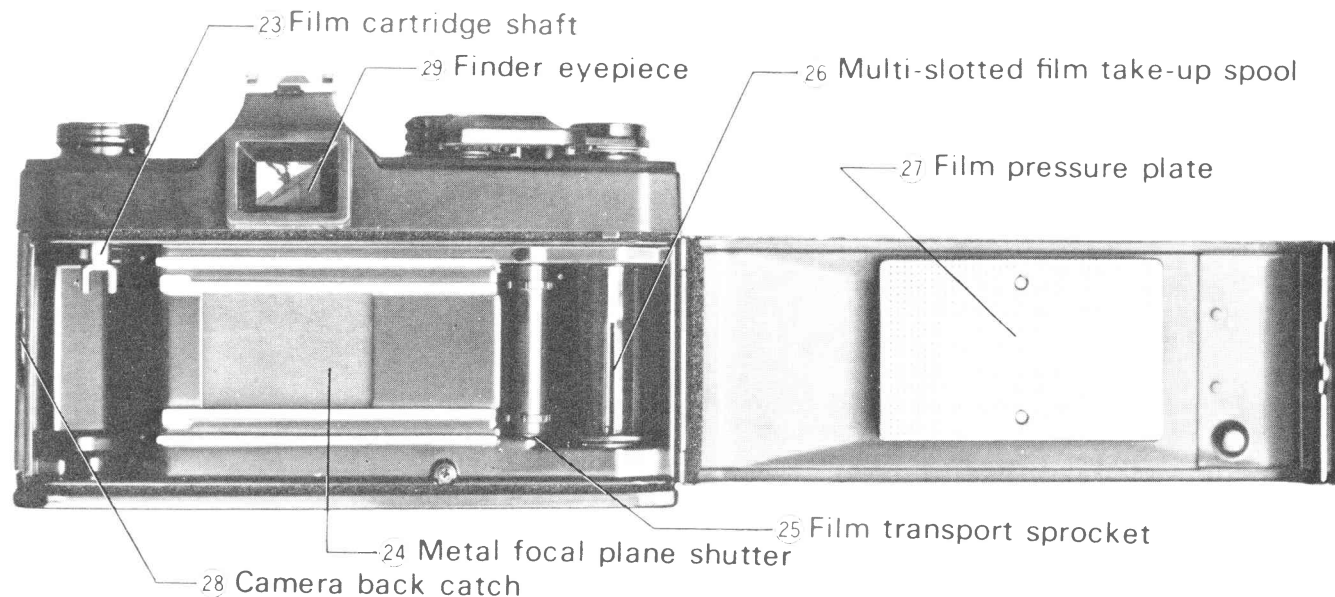


※EDX 3 only

- ①7 Antriebskupplung autowinder ※
 - ①8 Befestigungspunkte autowinder ※
 - ①9 Rückspulknopf
 - ②0 Stativgewinde
 - ②1 elektrische Kontakte für auto-wir.der ※
 - ②2 Deckel Batteriefach autowinder ※
- ※EXAKTA 3

- ①7 Disque d'accouplement de l'arbre moteur ※
 - ①8 Trous d'alignement ※
 - ①9 Bouton de reboinage
 - ②0 Filetage pour fixation sur pied
 - ②1 Contacts électriques ※
 - ②2 Couvercle du logement des piles
- ※EXAKTA 3 seulement

- ①7 Flecha acoplamiento disco ※
 - ①8 Contactos alineados ※
 - ①9 Botón de rebobinado
 - ②0 Ranura para trípode
 - ②1 Contactos electricos ※
 - ②2 Cubierta compartimento baterias ※
- ※Sólo para la EXAKTA 3



- ②③ Filmschacht
- ②④ Metallschlitzverschluss
- ②⑤ Filmtransport-Zahntrommel
- ②⑥ Multigeschlitzte Aufwickel-
spule
- ②⑦ Filmdruckplatte
- ②⑧ Deckelverschluss
- ②⑨ Sucherokular

- ②③ Axe de rebobinage
- ②④ Obturateur focal à rideaux
métalliques
- ②⑤ Tambour denté
- ②⑥ Bobine réceptrice à fentes
multiples
- ②⑦ Presse-film
- ②⑧ Verrouillage du dos
- ②⑨ Oculaire du viseur

- ②③ Compartimento de la película
- ②④ Cortinilla metálica del
obturador focal
- ②⑤ Dentaje transportador de la
película
- ②⑥ Canilla para colocar la
película
- ②⑦ Lámina prensadora de la
película
- ②⑧ Palanca de cierre de la parte
posterior de la cámara
- ②⑨ Ocular

Battery Loading and Checking

Two 1.5 volt silver batteries are used to supply power to the exposure meter system. These batteries have a normal service-life of about one year. If the LED(light emitting diode)in the finder does not light up, when the shutter release button is depressed, both batteries should be exchanged, in the following manner: —

NOTE

* Use G13 silver batteries or equivalent (Burgess 7650, Eveready S76E, Mallory MS76H, Ray-O-Vac RS76G, RCA VS1776, etc.).

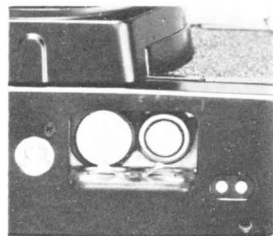
CAUTION

- * Do not take the batteries apart, hit them strongly or throw them into the fire, as they may explode.
- * The batteries will be exhausted very quickly if you keep the shutter release button depressed continuously.
- * Take the batteries out when the camera is not being used for a long time which will help prevent corrosion in the battery compartment, too.

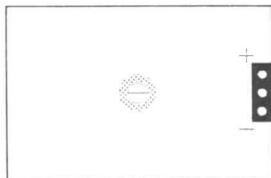
1. Slide the battery compartment cover in the arrow-indicated direction to open.



2. Insert the batteries with their plus (+) and minus (-) sides coincided to the rear side of the cover. (Take off wrappings from the batteries.) Then, close the cover.



3. Depress the shutter release button lightly, while looking into the finder eyepiece. If an LED lights up on the right border of the finder screen area, the batteries are in working order.



Mise en place et controle des piles :

Deux piles à l'argent de 1.5V alimentent le posemètre.

Elles durent environ un an. Si la diode du viseur ne s'allume pas lorsque l'on appuie sur le déclencheur, il faut les changer comme suit :

Nota :

Utiliser des piles à l'argent G-13 ou équivalentes (Burgess 7650, Eveready S76E, Mallory MS-76H, Ray-O-Vac RS76G, RCA VS1776, etc.).

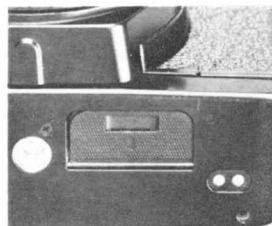
Attention :

Ne pas essayer d'ouvrir les piles, ne pas les frapper violemment, Ne pas les jeter dans le feu (risque d'explosion).

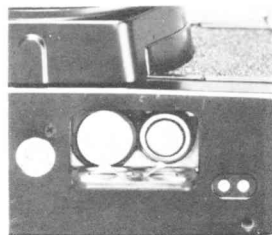
Les piles seront épuisées rapidement si le déclencheur reste enfoncé pendant longtemps.

Pour éviter une possible corrosion du logement des piles, les ôter de l'appareil lorsque celui-ci doit rester inutilisé longtemps.

1. Ouvrir le compartiment en faisant coulisser son couvercle dans le sens de la flèche.



2. Introduire les piles de manière que leurs pôles + et - soient orientés conformément aux indications portées sur la face arrière du couvercle (ôter d'abord l'emballage des piles) puis refermer le couvercle.



3. Appuyer légèrement sur le déclencheur en regardant dans le viseur. Si une diode s'allume à droite, les piles sont en bon état.



Basic Operating Procedures

(Detailed explanations follow.)

1. Load film into the camera. (Pages 12 to 16)
2. Set the film speed to the camera. (Page 26)
3. Advance the film and charge the shutter. (Page 18)

Bedienungsanleitung

(ausführliche Erklärung folgt)

1. Film einlegen (Seite 13-17)
2. Einstellen der Filmempfindlichkeit (Seite 27)
3. Filmtransport und Spannen des Verschlusses (Seite 18)

Mode d'emploi résumé

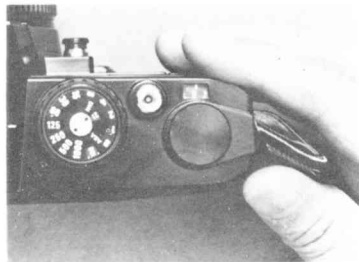
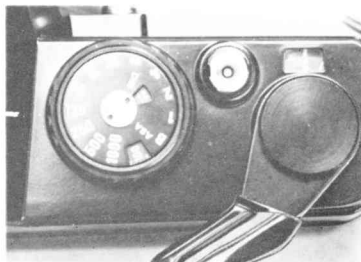
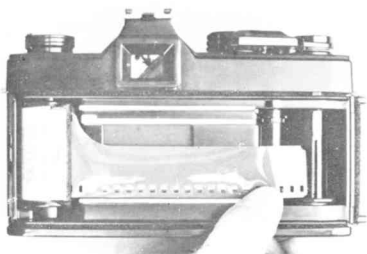
(voir plus loin pour plus de détails)

1. Charger l'appareil (pages 13 et 17)
2. Afficher la sensibilité du film (page 27)
3. Armer l'obturateur et avancer le film (page 19)

Procedimientos básicos de operar con la cámara

(explicaciones detalladas a continuación)

1. Coloque el film en la cámara (páginas 13 y 17)
2. Coloque la velocidad de la película en la cámara (página 27)
3. Avance la película y cargue el obturador (página 19)

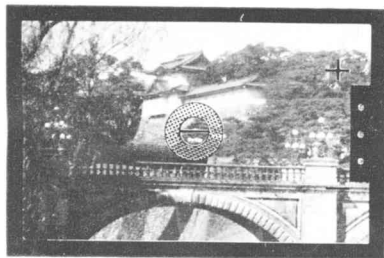


4. Look through the finder eyepiece and determine the composition, the focus and the correct exposure. (Pages 28 to 34)

4. Ein Blick durch den Sucher— und Sie bestimmen Schärfe und richtige Belichtung (Seite 29-35)

4. Dans le viseur, cadrer l'image, régler la distance et l'exposition (page 30 à 35)

4. Mire a través del ocular del visor y determine la forma, enfoque y correcta exposición de la toma (páginas 31 a 35)



5. Hold the camera steadily and press the shutter release button softly. (Page 40)

5. Halten Sie die Kamera ruhig und betätigen Sie den Auslöser weich (Seite 40)

5. Tenir l'appareil bien immobile et déclencher doucement (page 41)

5. Aguante la cámara firmemente y apriete el disparador suavemente (página 41)



6. Upon exposing the film, unload the film from the camera. (Page 42)

6. Herausnehmen des belichteten Films (Seite 42)

6. Lorsque le film est entièrement exposé, l'extraire de l'appareil (page 43)

6. Rebobine la película y quítela de la cámara (página 43)



Film Loading

1. Open the back cover of the camera.
Pull the rewind knob up. When it catches, pull slightly stronger and the back cover will open.

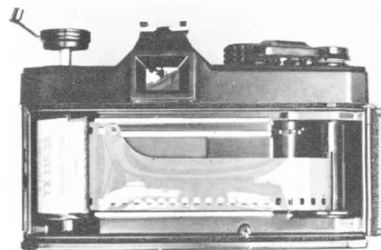
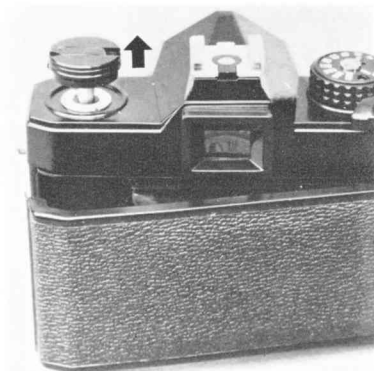
CAUTION

The back cover will not open if you are pressing it.

2. Load the film into the camera.
Insert the film cartridge into the empty film chamber and push the rewind knob back in. If necessary, revolve the rewind knob slightly in either direction so that its shaft engages the cartridge.

NOTE

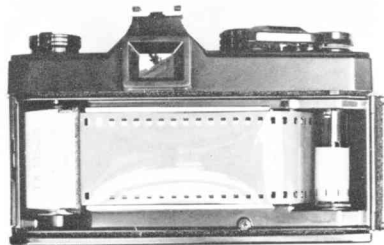
Use 35mm film in daylight cartridges and load away from direct sunlight or strong artificial illumination.



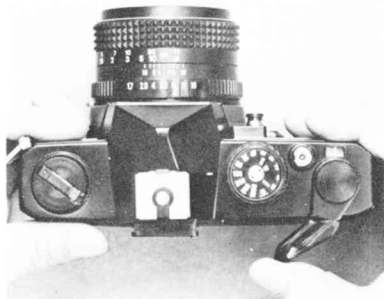
3. Insert the film leader into the take-up spool.
Pull the leading end of the film from the cartridge and insert it into one of the slots of the multi-slotted take-up spool.

CAUTION

Pull out a sufficient length for insertion and push it straight into the slot.



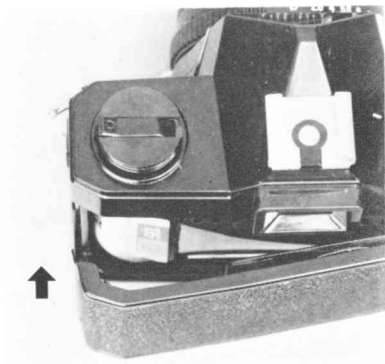
4. Advance the film.
Stroke the film winding lever slowly while checking the film perforations which should engage the film transport sprocket teeth at the top and bottom.



5. Close the back cover.

Close the back cover, after confirming that the film perforations are properly engaging the sprocket teeth at the top and bottom.

Simply press firmly and the back cover will snap shut with a click.

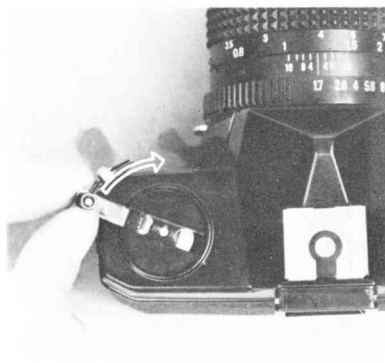


6. Take up the slack in the loaded film.

Take up the slack in the film inside the cartridge by rotating the rewind knob in the clockwise direction. (The rewind knob will rotate in the opposite direction thereafter when the film winding lever is stroked.)

7. Setting the exposure counter to "1".

If the film winding lever has been stroked all the way, with the preceding operations, press the shutter release button and make a blank shot. Repeat two times more which will set the exposure counter on "1", ready for taking the first exposure.

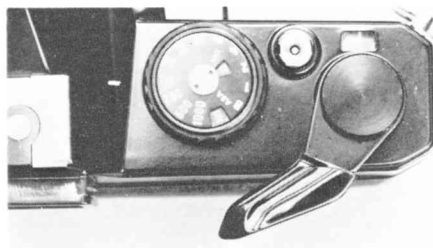


Film Winding Lever and Exposure Counter

The film winding lever must be stroked 120° or until it makes a full stop. There is a play of 20° in the lever action for convenience in inserting the right thumb at all times. Each film winding lever action(or auto-winding action) results in the following actions taking place: —

1. The film is advanced one frame,
2. The exposure counter is also advanced one frame,
3. The focal plane shutter mechanism is fully charged,
4. The reflex mirror mechanism is fully charged,
5. The automatic lens diaphragm mechanism is fully charged, and
6. The double exposure prevention system and double film winding prevention system are activated.

Depressing the shutter release button permits the film winding lever operation(or auto-winding operation) to take place again but only when the finger is lifted from the shutter release button. This must be remembered when shooting consecutive frames, as the finger may keep the shutter release button depressed in the excitement of shooting interesting actions.



Filmschnellaufzug und Filmzählwerk

Der Filmtransporthebel muss bis zum Anschlag gespannt werden.

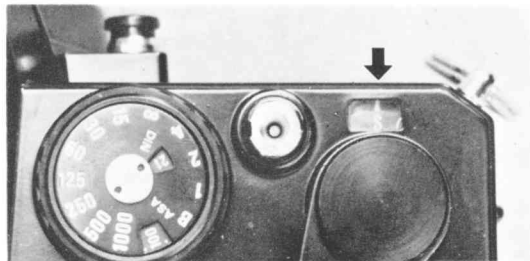
Nach dem Transportieren bleibt der Hebel um etwa 20° vom Kamera-Körper stehen, griffbereit für den nächsten Filmtransport.

1. Der Film wird um ein Bild weitertransportiert.
2. Das Zählwerk zeigt ebenfalls ein Bild mehr an.
3. Der Schlitzverschluß wird gespannt.
4. Der Umlenkspiegel ist in Auslösestellung.
5. Die Belichtungsautomatik ist eingeschaltet und
6. Die Sperre für Doppelbelichtung und doppelten Filmtransport ist aufgehoben.

Exposure Counter

The exposure counter is automatic and requires no adjustment.

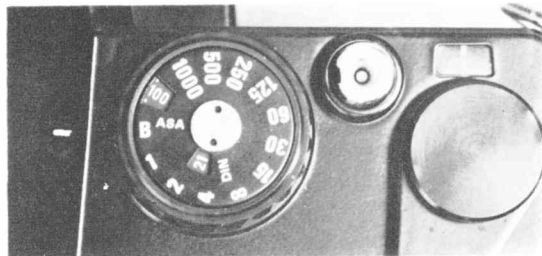
Opening the back cover, after rewinding the exposed film, automatically returns it to "S". Due to the lack of space, only 0 and even numbers from 2 to 36 are engraved on the dial, while the odd numbers in between are not shown.



Shutter Speed Dial

The shutter speed dial is rotated to set the required shutter speed to the camera. The shutter speed scale on the dial has 12 settings with full numbers engraved from 1 to 1000, as well as B. The numbers represent the shutter speeds or, in other words, 1 is 1 sec., 2 is 1/2 sec., 4 is 1/4 sec. and 1000 is 1/1000 sec. and so forth. B stands for bulb which means that the shutter remains open as long as the shutter release button is being depressed. Large numbers are faster than smaller numbers and each larger number keeps the shutter open for 1/2 as long as the next number.

When setting shutter speeds to the camera, always let the shutter dial click-stop into the proper position, as intermediate settings cannot be used.



Verschlußzeiten-Skala

Durch drehen des Einstellknopfes wird die Belichtungszeit der Kamera festgelegt. Die Skala ist in 12 Positionen mit vollen Zahlenwerten von 1 bis 1000 und B eingeteilt. Die Zahlen zeigen die Verschlußgeschwindigkeit an. 1 ist 1 sec; 2 ist 1/2 sec; 4 ist 1/4 sec; usw. bis 1000 ist 1/1000 sec. B steht für beliebig; das bedeutet, solange der Auslöseknopf gedrückt ist, bleibt der Verschluß offen. Große Zahlen geben eine kürzere Verschlußzeit, als kleinere Zahlen. Der Abstand von einer Zahl zur nächsten bedeutet jeweils eine Halbierung der Belichtung.

Aperture Ring

The aperture ring controls the size of the lens opening and thus the amount of light that passes through the lens to the film plane while the shutter is opened. The apertures or lens openings (also called f/numbers) engraved on the aperture scale of the standard lens number seven, with the following exposure ratios:—

F/Number

1.7 (2) 2.8 4 5.6 8 11 16

Exposure Ratio

1/6 (1/4) 1/2 1 2 4 8 15

As can be seen, the larger numbers on the aperture scale are the smaller lens openings and permit only 1/2 the amount of light of the next smaller number.

NOTE

The aperture ring can be set to intermediate settings for precise exposure adjustments.



Blendenring

Der Blendenring zeigt Ihnen die jeweilige Öffnung des Objektivs an und steuert die Lichtmenge, die das Objektiv passiert, während der Verschluss geöffnet ist. Die Blendenwerte des Standard-Objektivs 1:1,7 sind mit folgenden Belichtungszeiten gekoppelt:

Blendenwert:

1,7 (2) 2,8 4 5,6 8 11 16

Belichtungszeit:

1/6 (1/4) 1/2 1 2 4 8 15

Die größte Blendenzahl entspricht der kleinsten Objektivöffnung und läßt nur jeweils die Hälfte der Lichtmenge des nächst kleineren Blendenwertes durch.

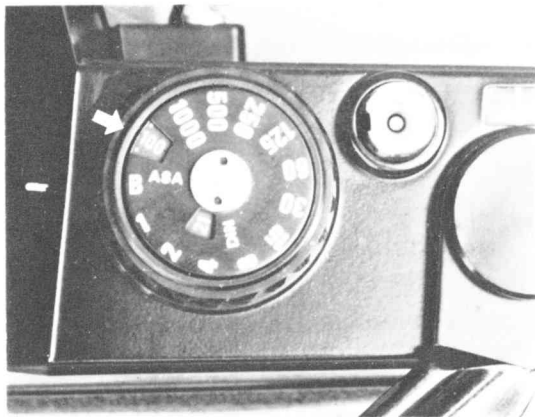
Beachten:

Zur genauen Belichtungsbestimmung können bei der Blendenwahl auch Zwischenwerte eingestellt werden.

Setting the Film Speed

Since the correct exposure is dependent on the film speed, as well as shutter speed and aperture, always check the film speed or film sensitivity indicated on the box or instructions which are packed with the film being used.

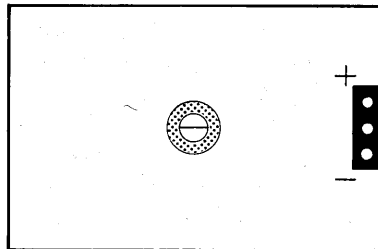
Then set the film speed to the film speed indicator which is also on the shutter speed dial. Simply lift up and revolve the milled ring around the dial until the required ASA or DIN number is seen in one of the windows on top of the dial. There are nineteen click-stop film speeds with seven indicated in full numbers and the intermediate settings indicated by dots, as follows:



ASA	25	32	40	50	64	80	100	125	160	200	250	320	400	500	650	800	1000	1250	1600
DIN	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

Finding the Correct Exposure Setting

The exposure measuring and setting system incorporated in the camera utilizes three light emitting diodes(LED) for giving positive and highly visible indications and thus speeding up operations.



1. The power for the exposure measuring system is switched ON when the shutter release button is lightly depressed, which, at the same time, lights up an LED along the right border of the finder's screen area (showing that power is being supplied and that the system is ready to work).
2. Three LED's are lined up vertically along the right border, with illumination of the central green LED indicating a correct exposure setting. On the other hand, illumination of either red LED's, at the top or bottom, will indicate over- and under-exposure adjustment and that the exposure setting is not correct.
3. Exposure setting will be greatly speeded up if a suitable shutter speed is, first, chosen for the subject and then set to the camera. It will then be possible to adjust the aperture setting for the shutter speed by lightly depressing the shutter release button and, at the same time, rotating the aperture ring until the green LED lights up.

NOTE

Use the following table as a general guide for shutter speeds to be used, although it must be remembered that the choice of shutter speed is not only dependent on lighting conditions but also on the need for stopping the action of the subject, when there is any movement.

Lighting	Shutter Speeds
Indoors with normal room lighting.	1/30 to 1/60 sec.
Outdoors, when clear and bright.	1/125 to 1/250 sec.
Summer beach and snowscapes.	1/250 to 1/500 sec.

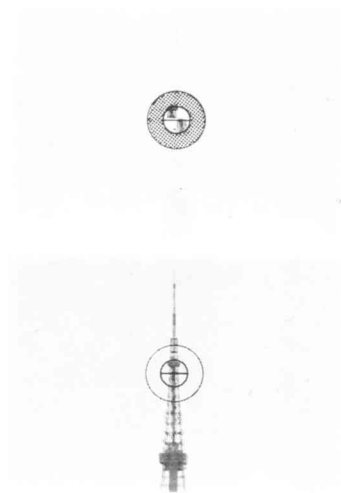
LED Indications and Shutter Speed/Aperture Adjustments

1. Red + (plus) LED (at top) indicates over-exposure.
In this case, reset the shutter speed to a faster setting (i.e., 1/60 to 1/125 sec.) or stop down the lens diaphragm (i.e., F 1.7 to F 5.6) for getting a correct setting.
2. Central green LED indicates correct exposure.
The shutter speed is suitable for the aperture and vice versa. Check the shutter speed dial and aperture setting for the data to be recorded.
3. Red - (minus) LED (at bottom) indicates under-exposure.
In this case, reset the shutter speed to a slower setting (i.e., 1/125 to 1/60 sec.) or open up the lens diaphragm (i.e., F 5.6 to F 1.7) for getting a correct exposure.



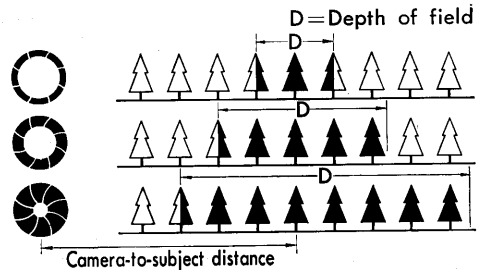
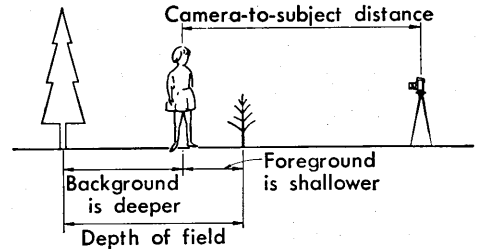
Focusing

1. The subject is focused by rotating the distance focusing ring in either direction until the two halves of the image coincide in the central split-image rangefinder and is also seen distinctly and sharply in the surrounding fine focus ring. The split-image rangefinder is specially good for speedy focusing action. (The EDX 2 has a central microprism focusing spot in which the subject is seen distinctly and sharply, when properly focused.)
2. The distance focused is found opposite the distance index (which is also the green-colored line in the center of the depth of field scale), when required for flash photography, etc.
3. Users having trouble focusing through the eyepiece should utilize accessory eyepiece correction lenses, which can be attached via the accessory Eyepiece Adapter-U. Your optician should be consulted for the required dioptic correction.



Depth of Field

1. The depth of field is the zone of "apparent" sharpness before and behind the main point of interest or the focused plane.
2. The depth of field is normally increased in the following manner:—
 - a. Stopping down the lens diaphragm.
 - b. Using a lens with a shorter focal length.
 - c. Increasing the focusing distance.
3. It is possible to decrease the depth of field, therefore, by doing the reverse of "a" to "b" preceding. It is possible, therefore, to control the depth of field, in the above manner, to cover near and distance subjects in the same picture or to isolate the main subject.
4. The depth of field scale can be used for a quick check of the depth of field, by reading the distances opposite identical F/numbers on both sides of the green colored index.



Holding the Camera and Releasing the Shutter

1. Hold the camera (or camera with AutoWinderEX) firmly but comfortably with both hands. Press the camera against the face and press both elbows (when possible) against the body to steady the camera. Whenever feasible, spread both legs slightly to steady the body, too.
2. As a rule, use the left thumb and index finger to grip the focusing ring and support the camera on the left palm. Use the right index finger to release the shutter and the right eye for view-focusing. Keep your finger on top of the release button and press smoothly and gently, preferably, while holding your breath.
3. Use the fastest possible shutter speed for hand-held shots. As a rule, the slowest shutter speed permissible is one that is nearest to the focal length figure. In other words, the slowest shutter speed for hand-holding a 135mm focal length lens is 1/125 sec. and so forth. For shooting at slower speeds, therefore, use a sturdy tripod and a cable release or the self-timer.

Richtige Kamerahaltung und Auslösung

1. Halten Sie die Kamera fest und ruhig, mit beiden Händen. Drücken Sie die Kamera an das Gesicht und beide Ellenbogen (wenn möglich) an den Körper, um die



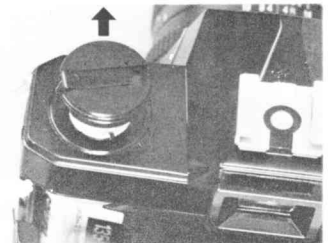
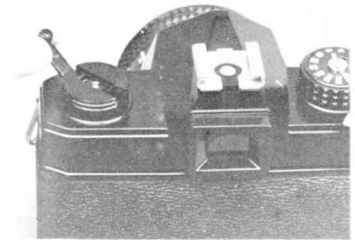
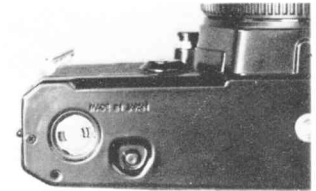
- Kamera ruhig zu halten. Versuchen Sie möglichst breitbeinig zu stehen, um auch dem Körper Halt zu geben.
2. Nehmen Sie den linken Daumen und Zeigefinger zum Einstellen der Schärfe und stützen Sie die Kamera mit der linken Handfläche. Das rechte Auge blickt durch den Sucher—mit dem rechten Zeigefinger lösen Sie die Kamera aus. Halten Sie den Finger möglichst senkrecht zum Auslöser und betätigen Sie ihn weich, halten Sie wenn möglich dabei den Atem an.
 3. Für Aufnahmen aus freier Hand wählen Sie am besten die kürzestmögliche Verschlusszeit. Als Regel gilt die längs Verschlusszeit sollte etwa gleich der Brennweite des verwendeten Objektivs sein. Das heißt, bei Brennweite 135mm = 1/125 sec usw. Für längere Verschlusszeiten verwenden Sie am besten ein festes Stativ und den Drahtauslöser

Film Unloading

1. When the last exposure has been taken, as indicated on the exposure counter, or when the winding lever cannot be stroked easily (or auto-winding cannot be completed, with drive motor continuing to drive and red lamp staying on), stop stroking the winding lever (stop the AutoWinderEX) or the film may be torn and pulled out of its cartridge.
2. Unfold the rewind crank and revolve in the clockwise direction. Rewind smoothly and evenly because erratic or very fast rewinding may cause static electricity marks on the film. Stop rewinding when tension lessens (but do not rewind the leading end back into the cartridge).
3. Pull up the rewind knob strongly and open the back cover. Then let the cartridge fall out into your hand. (Do not drop it on the floor as the cartridge may come apart.)

Filmentnahme

1. Wenn gemäss Filmzählwerk das letzte Bild aufgenommen ist (oder wenn der Filmtransporthebel sich nicht mehr mit normalem Druck bewegen lässt, bzw. wenn bei angesetztem auto-winder der Transport nicht ganz durchgeführt wird und die rote Kontrollampe dauernd aufleuchtet): Filmtransporthebel nicht mit Gewalt weiterbewegen (bzw. autowinder ausschalten), sonst könnte der Film aus der Patrone gerissen und beschädigt werden.
2. Anschließend klappen Sie die Rückspulkurbel heraus und drehen diese im Uhrzeigersinn. Spulen Sie gleichmäßig und nicht zu schnell zurück. Sie vermeiden dadurch statische Aufladungen und



Self-Timer

The built-in self-timer is a useful mechanism because it lets you take your own photograph or act as your own assistant (and hold lighting equipment or a reflector) or is useful for minimizing camera vibration on the tripod.

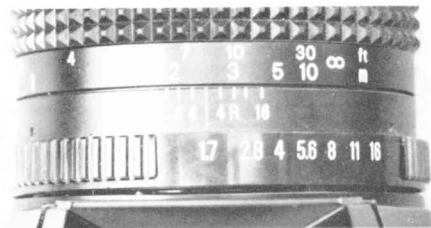
The self-timer is charged by revolving the self-timer lever 90° in the counter-clockwise direction or downwards, as seen from above. It is activated by stroking the shutter release button, after stroking the film winding lever in the usual manner. The self-timer lever can be adjusted for making delays between 4 to 12 seconds.

The self-timer can be charged before or after stroking the film winding lever and can be used with shutter speeds from 1/1000 to 1 second.



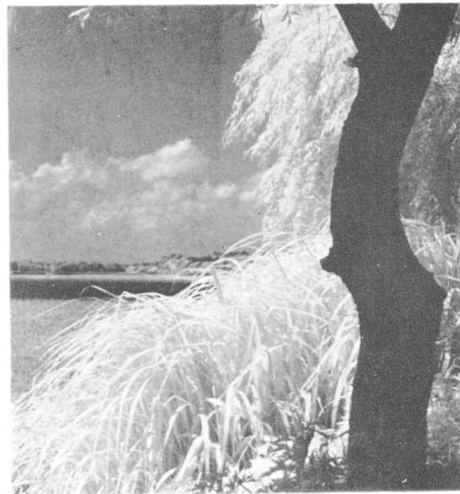
Infrared Index

1. The red-colored "R" on the depth of field scale is the infrared index which is used for infrared photography with infrared film.
2. Focus in the normal manner, when using infrared film, and then shift the distance thus obtained to the infrared index.
3. Follow instructions supplied with the infrared film for setting the correct exposure.



Infrarot-Index

1. Das rot ausgelegte 'R' auf der Schärfentiefenskala ist der Infrarot-Index. Darauf ist die Entfernung einzustellen, wenn Infrarotfilm verwendet wird.
2. Stellen Sie dabei die Entfernung in gewohnter Weise ein und übertragen Sie die eingestellte Entfernung auf den Infrarot-Index.
3. Befolgen Sie die Gebrauchsanweisung, die dem Infrarotfilm beiliegt.



Index infra-rouge

1. Le "R" rouge de l'échelle de profondeur de champ doit être utilisé pour la mise au point lorsque l'appareil est chargé d'un film sensible à l'infra-rouge.
2. Mettre au point comme d'habitude, lire la distance qui se trouve devant l'index normal de mise au point et l'amener devant le "R".
3. Pour le réglage de l'exposition, se conformer à la notice accompagnant le film.

Indice infrarrojo

1. La "R" roja en la escala de profundidad de campo, es el índice infrarrojo usado para películas y fotografías infrarrojas.
2. Enfoque en la manera usual, cuando use película infrarroja, y entonces cambie la distancia obtenida al índice infrarrojo.
3. Siga las instrucciones que se encuentran en las películas infrarrojas para colocar la exposición correcta.

Flash Photography

1. Remove the plastic cover from the hot sync accessory shoe on top of the pentaprism finder and mount cordless type electronic flash units or flash guns directly in the shoe. For other types, take the cover off the flash socket and insert the flash cord plug into the socket while mounting the electronic flash unit in the accessory shoe. When using larger flash equipment, use a side-mounting bracket fixed to the bottom of the camera with the flash cord plug inserted into the flash socket, too.

IMPORTANT

Keep the plastic cover on the hot shoe or flash socket or both, when they are not being used.

2. Flash synchronization is X-setting. Therefore, use electronic flash units at shutter speeds 1/125 second and slower and bulbs at 1/30 second and slower speeds.
3. Modern electronic flash units do not have great light intensity but have a fast stopping action of 1/1000 second and faster, which makes it suitable for stopping most actions. Furthermore, the flash synchronization is similar to natural daylight which makes it suitable for



use with daylight color films.



Wichtig :

Bei Nichtgebrauch der Blitzanschlüsse schützen Sie diese wieder mit den Plastikabdeckungen.

2. X-Synchronisation für Blitzlicht.
Die Verschlusszeit bei Elektronenblitzgeräten auf $1/125$ oder weniger, Lampenblitze auf $1/30$ oder weniger einstellen.
3. Moderne Elektronenblitzgeräte haben keine große Lichtintensität, sind dafür aber durch ihre sehr kurze Leuchtdauer schneller ($1/1000$ sec). Es ist dadurch möglich, die meisten Bewegungen von Objekten festzuhalten. Des weiteren entspricht die Lichtfarbe dem Tageslicht und ist somit für Tageslichtfilme geeignet.

Blitzlichtfotografie

1. Entfernen Sie die Plastikabdeckung vom Zubehörschuh auf dem Pentaprisma und schieben Sie das Blitzgerät ein (drahtlose Verbindung). Für andere Typen (mit Synchronkabel) nehmen Sie die Plastikhaube vom Synchronkontakt und stellen die Verbindung mit dem Blitzgerät her. Das Blitzgerät schieben Sie in den Zubehörschuh. Größere Blitzgeräte werden seitlich an der Kamera befestigt, die Befestigung erfolgt am Stativgewinde.

Photographie au flash

1. Ôter le couvercle en plastique de la griffe porte-accessoire à contact direct fixé au-dessus du pentaprisme. Avec les flashes de tous types à contact direct, il suffit de les placer directement dans la griffe pour que le contact soit établi.
Avec les autres types de flash, ôter le couvercle de la prise flash et brancher sur celle-ci le câble de synchronisation. Les flashes de poids restreint peuvent être fixés dans la griffe.

Lens Exchange

There is a full range of EXAKTAR interchangeable lenses for use with both models the camera which means that users get the full benefit of lens interchangeability which is one of the most attractive features of the single lens reflex camera.

1. To remove the lens from the camera body, simply press the lens locking lever which will disengage the lens locking system. Then, rotate the lens counter-clockwise until it stops. Finally, lift it out gently.
2. To attach the lens to the camera body, first, line up the red dot on the rear lens mount with the red dot on the rim of the body mount. Then, insert the lens carefully. When well-seated, revolve clockwise until it stops and clicks into position.



Objektivwechsel

Zu Ihrer EXAKTA EDX 2/EDX 3 gibt es eine Reihe voll auswechselbarer Objektive und damit bieten sich Ihnen alle Möglichkeiten, den Hauptvorteil Ihrer Spiegelreflex-Kamera—Wechselbarkeit der Objektive—auszunutzen.

1. Um das Objektiv vom Kamerakörper zu trennen, drücken Sie auf den Sperrhebel, wodurch die Verriegelung freigegeben wird. Nun drehen Sie das Objektiv entgegen dem Uhrzeigersinn bis zum Anschlag. Das Objektiv kann so herausgenommen werden.

IMPORTANT

1. Use a rubber-ball air blower, soft hair brush or silicon cloth and clean off dust and dirt from the camera after using it.
2. Store your camera in a cool, dry and well-ventilated place, away from humidity, salty air, dust, extremely high or low temperatures and corrosive fumes.
3. If the camera is not being used for a long period, take out the batteries and release the focal plane shutter and self-timer.
Take out the camera once in a while, during long periods of storage, and give it an airing, when the weather is cool and dry, and, at the same time, take several blank shots to work the mechanisms.
Furthermore, check the camera and its mechanism carefully before using it, if it has been stored for a very long period.
4. Protect the camera from strong shocks which might effect the inner mechanisms, without showing any apparent effect on the exterior.
5. Do not touch the optics or the moving mechanisms of the reflex mirror and focal plane shutter. When absolutely necessary, use a rubber ball air blower for cleaning these parts.

The lens should be cleaned with a rubber-ball air blower and, when necessary, wiped with a clean, lint-free cloth, lightly dipped into plain water or pure grain alcohol or a mixture of alcohol and ether. Do not rub but wipe gently with a circular motion until clean.

6. Don't leave the camera in the glove compartment of the car, or other hot places. Furthermore, do not use the equipment in freezing weather, as normal operation will not be possible. The equipment should also not be used under extreme temperature changes, as moisture may condense inside the body and lead to troubles.

In general, the above also applies to the Auto Winder EX. When followed carefully, you will always have great satisfaction in using EXAKTA equipment, whether EDX 3 (and Auto Winder EX) or EDX 2.

Specifications

Type	: 35mm focal plane shutter single lens reflex.
Frame Size	: 24mm × 36mm
Lens Mount	: TOPCON RE bayonet mount
Standard Lens	: EXAKTAR 55mm F1.7 (6 elements 4 groups);
Screw-in Filter Mount	: 52mm
Shutter	: Vertical-running metal focal plane shutter, with shutter speeds 1 to 1/1000 sec. plus Bulb.
Flash Synchronization	: X-synch at 1/125 sec., with hot shoe and flash socket.
Finder	: Fixed eye-level Pentaprism finder, with split-image rangefinder spot plus fine focus ring(EDX 3) or microprism focusing spot(EDX 2). Finder field 91% of actual negative frame area. Finder magnification 0.89×, with 55mm F1.7 lens.
Mirror Action	: Quick-return mirror action.
Film Winding Action	: Single stroke winding lever action, with 120° stroke and 20° play. (EDX 3 also accepts AutoWinder EX for motorized winding action.)
Exposure Counter	: Additive type with automatic return to start-mark(S).
Exposure Meter	: Thru-The-Lens full aperture centerweighted exposure measuring system, with two CdS cells; meter switch-on with shutter release button with LED (light emitting diode) exposure matching system in finder field; exposure range EV 3.5 to EV 18, with 55mm F1.7 lens and ASA 100 film; ASA 25 to ASA 1,600 film speed range; and powered by two 1.5 volt silver batteries(G-13).
Self-Timer	: Time delays adjustable from 4 to 12 seconds.
Dimensions and Weight	: 141mm × 91.5mm × 87mm and 785 grams (770 grams.), with 55mm F1.7 lens; body only is 141mm × 91.5mm × 50mm and 580 grams (565 grams). (Figures in brackets are for EDX 2 .)

BODY 7318182
LENS 71103788