

Instructions for Using the KINE-EXAKTA II

Please,
pay special attention to
the instructions put down
on this leaflet

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1. Knob for opening the finder hood
2. Lever for winding up the shutter
- 3A. Lever for changing the direction of the film
- 4A. Disc of the picture counter
- 4B. Notch of 4 A
- 4C. Arrow-head in 4 B
5. Button for removing the back
6. Film chamber
7. Key for winding back the exposed film
8. Take-up spool
9. Spring tongue of 8
10. Sprocket
11. Shutter release button
12. Focussing ring with scale of distances
- 13A. Special magnifier
- 13B. Button for swinging 13 A into position
- 13C. Chromium hood for 13 A
14. — — —
15. Speed regulating knob for shorter exposure times
16. Inner disc of 15
17. Speed regulating knob for longer exposure times
18. Inner disc of 17
19. Side part of finder hood
20. Side part of finder hood
21. Back part of finder hood (with frame finder)
22. Front part of finder hood with Special Magnifier 13A and Chromium hood 13C
23. Stop lever of the lens
24. Knife for cutting exposed film
25. Knob for 24



The exterior of the KINE-EXAKTA has been altered recently, in order to adapt this camera still more to the requirements of practical work. Therefrom result changes in the handling of

- the Special Magnifier (13),
- the Button for changing the direction of the film (3),
- and
- the Picture counter (4).

Thus, if your KINE-EXAKTA bears the following inscription:



we beg you to study the handling of the camera according to the instructions put down here:

Extension tubes put in	Total distance cm.	Image distance cm.	Object distance cm.	Aperture Number	Scale of pictures
without bayonet rings and tubes	—	5	—	1:8	variable
both bayonet rings (140 and 141)	41	4	46.5 39.0	1:4	1:3.8
both bayonet rings and Tube 142 (5 mm.)	21.5	4.5	28.0 20.0	1:4	1:3.9
Tube 143 (15 mm.)	24.0	7.5	14.5 13.7	3:2	1:2.2
Tubes 142 + 143 (20 mm.)	23.0	8.0	18.0 13.5	2:3	1:1.9
Tube 144 (30 mm.)	21.5	7.0	19.5 11.5	3:2	1:1.4
Tubes 142 + 144 (35 mm.)	21.0	9.5	11.5 11.0	3:1	1:1.2
Tubes 143 + 144 (45 mm.)	21.0	10.5	10.5 10.0	4:3	1:1
Tubes 142 + 143 + 144 (50 mm.)	21.0	11.0	10.0 9.5	4:5	1:0.9

(1) All the items in the table refer to the shortest interval of the helical screw (i. e. focussing mark at ∞!). It is for the object distance only that, second place, the distance has been mentioned which exists between the lens and the object when focussing the lens for close-up exposures (i. e. for Tessar 3,5 focussing mark at 0,70 m.)

The above table shows which exposure distances and scales of pictures are possible when using the bayonet rings and the extension tubes, provided the KINE-EXAKTA is equipped with a Tessar 1:3,5/5 cm. The following explanations refer to the headings of the above table:

1. Total distance = distance between the object and the film plane in the KINE-EXAKTA (in cm.);
2. Image distance = distance between lens (about shutter plane) and film plane (in cm.);
3. Object distance = **distance between object and lens** (about shutter plane — measured in cm.);
4. Prolongation of exposure time:
Increase of camera extension requires longer exposure time. (Exposure time 1,0 = correct time of exposure for ∞ focus without bayonet rings and tubes);
5. Scale of pictures 1:5,8 means e. g. 5,8 cm. of the object appear as 1 cm. on the negative.

The special rings (Nos. 140 and 141) and the three tubes (Nos. 142, 143 and 144) are sold as sets only at the price of Prices are indicated on request
 Price of the Microscope attachment No. 147 (ready for use, together with the tubes Nos. 143 and 144 and the back ring with bayonet joint No. 140) — all packed in one case —

Furthermore we can deliver the following accessories to a limited extent:

diameter of front mount:	32 mm	42 mm.
Lens hoods fitting on to the mounting ring	No. 202	No. 206
Colour filters (yellow etc.) fitting on to the mounting ring	No.	No.
Duta Soft-focus disc, fitting on to the mounting ring.	No.	No.
For Tessar 1:3,5/5 cm an Adapting ring (to be screw d in) is necessary	No.	No. 201-4
Aero Shutter Release for reinforcing the shutter release	No. 151	No. 151
Rewinder , simplifying the winding back of film	No. 150	No. 150

Prices on request
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We are always endeavouring to complete our stock of KINE-EXAKTA accessories, in order to offer all the technical possibilities of pre-war times to the friends of our camera. If you have any questions arising from your work with your KINE-EXAKTA, please apply to our Customers' Service, which will gladly give you any information you may want!

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