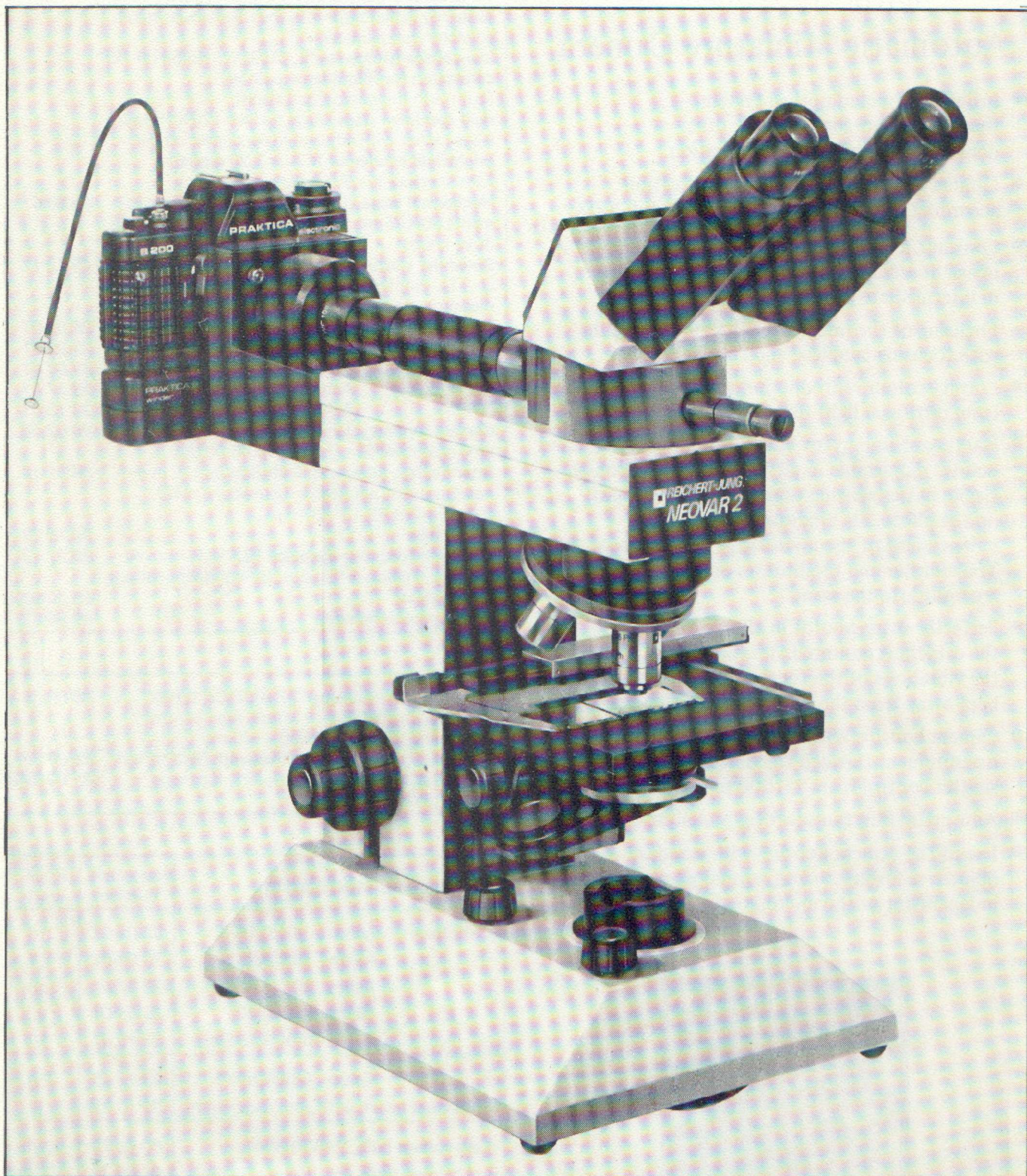


**REICHERT-JUNG**

# NEOVAR 2C

Laboratory Microscope with Automatic Miniature Camera



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## NEOVAR 2 C Laboratory Microscope with Automatic Miniature Camera

- Infinity corrected optical system – thus the camera intermediate tube does not cause an overmagnification.
- Camera factor 7X – photo magnification according to objective between 28X and 700X.
- Constant photo readiness and simultaneous image observation through rigid beam splitter in intermediate tube.
- Focusing of the image over the binocular tube – with focusing eyepiece and format reticle.
- Correct colour reproduction through 10W Halogen lamp (artificial light film – 3400 K).
- Marking of important image details by illuminated pointer, adjustable in all directions. It becomes visible in the viewing tube and is also imaged on the photo. Its brightness is adjustable independent of the microscope illumination. Transformer and brightness control are built into the stand.
- Perfectly sharp photos in all magnifications – the camera is mounted vibration-free, the vibrations of the focal-plane shutter are kept away from the microscope.
- Camera housing with electronic exposure measurement through the objective – shutter control from 1/1000 to 40”.
- Automatic film transport by attaching a winder.
- Use of the camera housing with standard objectives for macro and normal photography – independent of the microscope.



### NEOVAR 2C

Laboratory microscope, for use with an automatic miniature camera "PRAKTICA B200"

92 04 05  
874 PU

<b>Microscope stand, objective nosepiece 4X</b> , ball-bearing, <b>coaxial coarse and fine focussing controls</b> , acting on the stage carrier, <b>tube quick-change device</b> , for viewing and intermediate tubes	30 10 12
<b>TL lamp and transformer</b> (for 220V/50Hz; continuously regulable) built into the microscope stand, collector, lamp holder	
<b>low-voltage halogen bulb</b> , 6V/10W (No.86 00 19)	
<b>connexion for illuminated pointer</b> , (built into the microscope stand)	
<b>rigid specimen stage</b> , stage surface 120X150mm, stage carrier with adjustable condenser carrier	
<b>brightfield condenser N.A. = 1,25 aspheric</b> , with aperture-iris diaphragm	
<b>Mechanical stage</b> , detachable, coordinate movements 36X76mm, with coaxial-low positioned drive knobs	40 23 01
<b>Binocular viewing tube</b> (constant tube factor q=1X), diopter adjustment on the left hand eyepiece mount, adjustable interpupillary distance	42 12 11
<b>2 widefield eyepieces WF 10X</b>	26 05 01
<b>Objectives :</b> Achro 4X/0,10	23 02 01
Achro 10X/0,25	23 04 01
Achro 40X/0,66	23 17 01
Achro 100X/1,25 Oel	23 10 01
<b>Camera support</b> , clamping device for photographic objective, lens flange (No.95 00 05)	90 02 49
<b>Intermediate tube</b> , with light distributor, illuminated pointer, adjustable, connecting cable LV bulb (No.80 13 72)	80 21 12
<b>Photo tube</b>	80 16 12
<b>Widefield focussing eyepiece 10X W.F.</b> with adjustable eyelens, reticule w. format delimitations	80 21 13
<b>Cable release</b>	85 00 01
<b>Plastic protective cover</b>	89 50 17

<b>35 mm camera housing "PRAKTICA B200"</b> with fully automatic exposure time control for exposure times 1/1000 – 40 sec.	85 00 35
<b>Adapter</b> , for use of objectives with M42 thread	85 00 36
<b>Winder</b> , automatic film transport, for single frames and 2fps.	85 00 37

Alternate and spare parts	Reference number	Price unit
<b>Objectives :</b> Achro 4X/0,10	23 02 01	10
Achro 10X/0,25	23 04 01	17
Achro 40X/0,66	23 17 01	40
SPlan 63X/0,80	23 08 01	88
Achro 100X/1,25 Oel	23 10 01	55
Achro 40X/0,66 Ph	23 17 06	56
<b>Condenser insert</b> , with ann. diaphragm	30 10 22	27
<b>Low-voltage bulb</b> , 2,5V/0,35A	80 13 72	2,5
<b>LV halogen bulb</b> , 6V/10W	86 00 19	4
<b>Plastic protective cover</b>	89 50 17	4