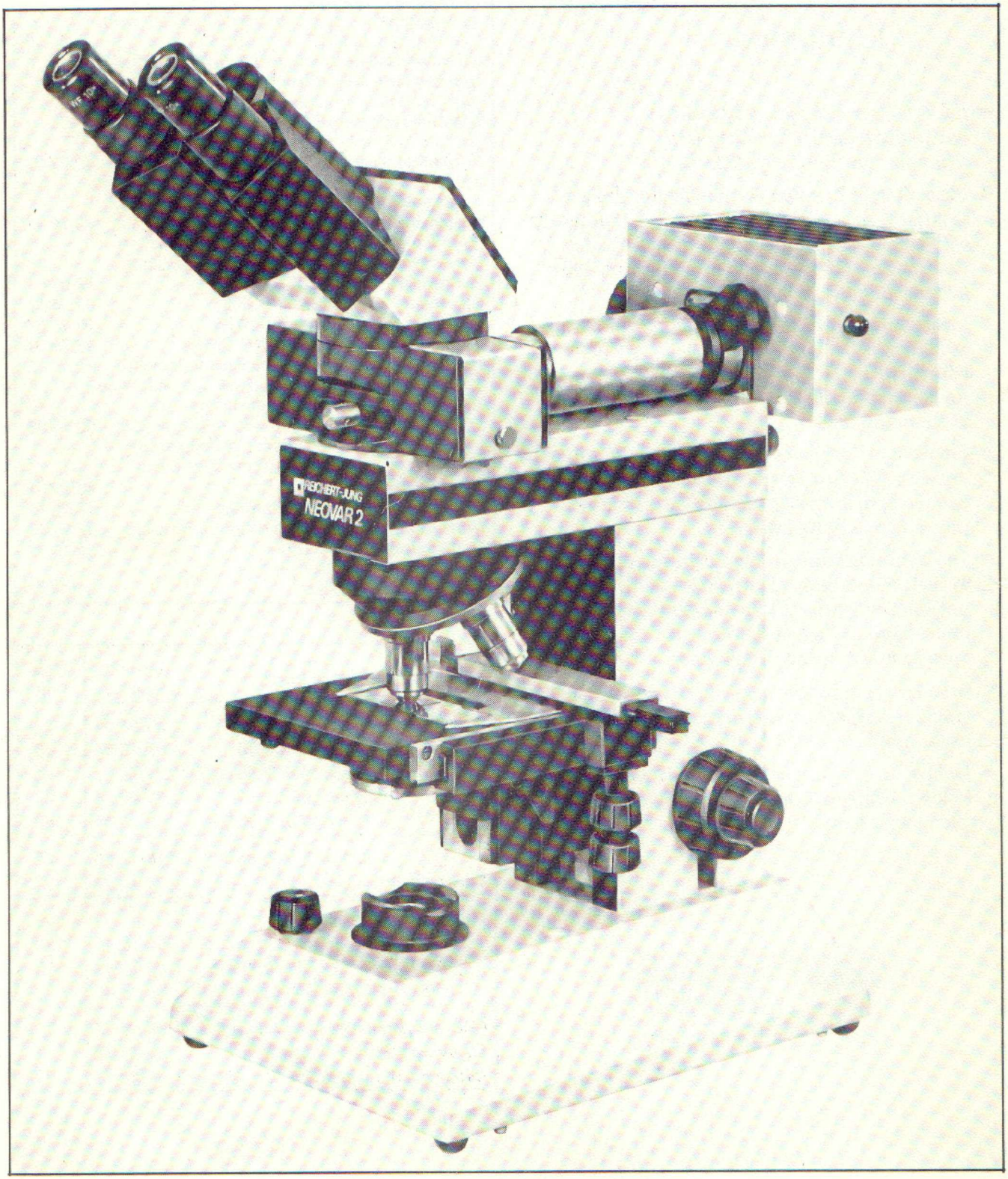
REICHERT-JUNG

NEOVAR 2F

Laboratory Microscope with Incident-light Fluorescence Equipment



C. REICHERT AG. HERNALSER HAUPTSTRASSE 219 · A-1170 WIEN · AUSTRIA · TEL. 46 16 41 · TELEX 07/48 72

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Order List

NEOVAR 2 F
Laboratory Microscope with Incident-light Fluorescence Equipment

- Infinity corrected optical system – also in fluorescence the image is of optimum contrast and brightness.
- Incident-light fluorescence illuminator designed as intermediate tube with factor 1X – that means with all kinds of illumination the same field of view number (18), the same magnification and no reduction of the image brightness.
- Light source for incident-light fluorescence excitation is the high-pressure mercury vapour burner HBO 50W.
  An adjustable collector ensures even illumination of the entire field
- Fluorescence modules for excitation with different wavelengths easily interchangeable – two modules are accommodated at a time and can be exchanged on slide.
- The transition from incident-light fluorescence to transmitted-light brightfield is easy – it is sufficient to switch off the incident-light module. Illumination is then made through an empty opening in the opaque illuminator.
- Orientation and focusing of specimens with high fading also possible with transmitted-light phase contrast (400X).
- Light source for transmitted light is the 10W Halogen lamp built into the base plate of the microscope stand.

NEOVAR 2F Laboratory microscope with incident-light fluorescence equipment	92 04 04 1206 PU
Microscope stand, objective nosepiece 4X, ball-bearing, **coaxial coarse and fine focussing controls,** acting on the stage carrier, **tube quick-change device,** for viewing and intermediate tubes	*30 10 02*
TL lamp and transformer (for 220V/50Hz; continuously regulable), built into the microscope stand, collector, lamp holder	
low-voltage halogen bulb, 6V/10W (No.86 00 19),	
rigid specimen stage, stage surface 120X150mm, stage carrier with adjustable condenser carrier	
brightfield condenser N.A.=1,25 aspheric, with aperture-iris diaphragm,	
Mechanical stage, detachable, coordinate movements 36X76mm, with coaxial low positioned drive knobs	*40 23 01*
Binocular viewing tube (constant tube factor q=1X), diopter adjustment on the left hand eyepiece mount, adjustable interpupillary distance	*42 12 11*
2 widefield eyepieces WF 10X	*26 05 01*
Objectives: Achro 10X/0,25	*23 04 01*
Achro 40X/0,66	*23 17 01*
Achro 100X/1,25 Oel	*23 10 01*
Incident-light fluorescence illuminator, illuminator housing, slide for 2 IL modules, with empty position, illuminator attachment with light trap,	*90 02 48*
Lux US lamp housing, with lamp carrier, adjustable collector, reflecting mirror, frosted glass in slide, heat absorption filter, connection piece	*60 13 08*
Lamp holder	*60 19 01*
HBO 50W, mercury vapour burner	*86 00 13*
Mains supply unit (for 220V/50Hz), with cable	*62 08 01*
IL fluorescence module blue (BP425–490/DS500/LP515)	*80 18 49*
Plastic protective cover	*89 50 17*

Alternate and spare parts	Reference number	Price unit
Objectives: Achro 10X/0,25	*23 04 01*	17
Plan 20X/0,50	*80 12 54*	66
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
Condenser insert, with ann. diaphragm	*30 10 22*	27
IL fluorescence modules:		
blue (BP425–490/DS500/LP515)	*80 18 49*	110
green (BP546/10/DS560/LP590)	*80 18 48*	75
violet (BP436/10/DS450/LP475)	*80 18 47*	75
HBO 50W mercury vapour burner	*86 00 13*	70
LV halogen bulb, 6V/10W	*86 00 19*	4
Immersion oil, non-fluorescent, 35ccm	*89 00 18*	1

Laméris
Alleenvertegenwoordiging
Laméris Instrumenten B.V.
Biltstraat 449,
3572 - AW Utrecht
Telefoon 030 - 33 69 33