



neolab Migge GmbH
Rischerstr. 7-9
69123 Heidelberg
Deutschland
+49 (0)6221 /
8442-44
<https://www.neolab.de>
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Umsatzsteuer-
Identifikationsnummer
:
DE 143 450 657



KERN fluorescence microscope OBN, 4 x / 10 x / 20 x / 40 x / 100 x

€5,190.00
plus VAT &
Shipping

Product Images



Description

- The -series fluorescence microscope is based on the usual high quality and variety of the OBN series. The outstanding and stable design in combination with the high-quality optics sets standards in fluorescence microscopy in this class
- The powerful and dimmable 20 W halogen transmitted light illumination (Philips) as well as a 100W epi-fluorescence incident light unit (OBN 147/ OBN 148) ensures perfect illumination and excitation of your fluorescence preparations
- Alternatively, the OBN 141 model is a fluorescence microscope with 3 W LED transmitted light illumination and 3 W LED epi-fluorescence incident light illumination
- This series features a professional Köhler illumination with adjustable field diaphragm as well as a centerable and height-adjustable 1.25 Abbe condenser with adjustable aperture diaphragm
- The very large mechanical stage with ergonomic coaxial coarse and fine drive on both sides allows fast, precise adjustment and focusing of your specimen
- In the halogen version OBN 147 / OBN 148, a filter wheel that can be equipped with up to 6 filters is available. As standard, this is equipped with B/G or B/G/UV/V fluorescence filters. The OBN 141 LED variant is equipped with a B/G fluorescence filter with interchangeable slider as standard. The interchangeable slider and filter wheel allow you to quickly change the excitation filters
- A wide range of eyepieces, objectives, color filters, darkfield condensers as well as a butterfly tube, polarization and phase contrast units can be easily integrated thanks to the modular construction system.
- The centering objective for fluorescence adjustment, a dust cover, eyecups and a multilingual operating manual are included in the scope of delivery
- For the connection of a camera, a C-mount adapter is required, which has to be selected from the following model equipment list

Applications: Hematology, urology, gynecology, dermatology, pathology, microbiology and parasitology, immunology, sewage treatment plants, oncology, entomology, veterinary, water analysis, breweries

Applications

- Especially for translucent and thin, low-contrast, challenging preparations (e.g. immunofluorescence, FISH, DAPI staining, etc.)

Technical data:

- Infinity optics
- 5-position nosepiece
- Siedentopf 30° inclined, 360° rotatable
- Dioptic compensation (on both sides)
- Overall dimensions W×D×H 530×220×490 mm
- For details please refer to the following overview tables

Additional Information

No.	KP-5007
Manufacturer (Brand)	KERN
EAN	4058072145637
Transport temperature	Room temperature
Energy supply	Power grid
Physical principle	Fluorescence
Type illuminant	LED
Type microscope	Stereomicroscopes
Manufacturer	CORE
Type tube camera	trinocular
with dust cover	false

