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Umsatzsteuer-
Identifikationsnummer
:
DE 143 450 657



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

€5,170.00
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-5008
Manufacturer (Brand)	KERN
EAN	4058072145644
Transport temperature	Room temperature
Energy supply	Power grid
Manufacturer	CORE
Inclination tube	36 °
Physical principle	Fluorescence
Type lighting	External light source
Type illuminant	Incandescent lamp
Type microscope	Upright microscopes
Type tube camera	trinocular
Magnification lens	4-fach 10-fach 20-fach 40-fach 100-fach
with dust cover	false

