

KERN OBN 135T24 1



The digital laboratory assistant with infinity optical unit and fixed, Koehler illumination



Category

Brand	Optics
Product category	Microscopes
Product group	Transmitted light microscopes

Approval

CE mark	✓
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Construction

Optical system	Infinity
Tube type	Siedentopf
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	✓

Contrasting methods	Bright field Darkfield (optional) Polarisation (optional) Fluorescent (optional) Phase contrast (optional)
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Light distribution	100:0
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Diopter adjustment	both-sided
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm
Camera adapter type	C-Mount
Supported camera types	Microscope Camera
C-Mount magnification	0,5 x
C-Mount focusable	✓
Camera type	Tablet camera
Camera resolution	5 MP
Camera sensor type	CMOS

Camera sensor size	1/2,5"
Camera colour depth	Colour
Camera framerate	30 fps
Camera mounting types	C-mount thread

Ocular

Ocular field width	HWF
Ocular magnifications	10 x
Ocular diameter	23,2 mm
Ocular visual field	20 mm

Focussing

Field of view [Max]	5 mm
Torque regulation	✓
Focusing mechanism	coaxial coarse and fine drive

Illumination

Illumination	3W LED (transmitting)
Field diaphragm	✓
Aperture diaphragm	✓
Illuminance	Transmitted light
Koehler illumination	✓
Filter possible	✓

Functions

Memory - total size	128 GB
Interfaces	WiFi standard USB 2.0 HDMI MicroSD card slot
Supported operating systems	Android

Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	100 - 240 V
Plug-in power supply type	Built-in power supply
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	590×440×390 mm

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Net weight approx. 11 kg

Gross weight approx. 14 kg

Piktogramme