

KERN OBL 137-2023e

KERN

The flexible laboratory assistant with infinity optical system and fixed, pre-centred Koehler illumination



Ocular diameter	23,2 mm
Ocular visual field	20 mm
Eye point	High Eye Point
Objectives magnifications	4 x / 10 x / 40 x / 100 x

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

Illumination	
Field diaphragm	✓
Aperture diaphragm	✓
Illuminance	Transmitted light
Filter possible	✓

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
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 (WxDxH)	546x383x285 mm
Net weight approx.	7 kg
Gross weight approx.	9 kg

Piktogramme

STANDARD



OPTION



Category

Brand	Optics
Product category	Microscopes
Product group	Transmitted light microscopes

Approval

CE mark	✓
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Construction

Dimension (WxDxH)	394x185x377 mm
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	20:80
Colour temperature	6000 K
Dioptr adjustment [Min]	-5
Dioptr adjustment [Max]	5
Dioptr adjustment	one-sided
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm

Ocular

Ocular field width	HWF
Ocular magnifications	10 x