

KERN OKM 173-2022e

KERN

The metallurgical reflected light microscope for material testing and surface testing, as well as quality assurance in industry



Eye point	High Eye Point
Objectives magnifications	5 x / 10 x / 20 x / 50 x

Focussing

Field of view [Max]	3,6 mm
Torque regulation	✓
Focusing mechanism	coaxial coarse and fine drive

Illumination

Aperture diaphragm	✓
Illuminance	Reflected 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	EURO UK

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	555×400×315 mm
Net weight approx.	8 kg
Gross weight approx.	11 kg

Piktogramme

STANDARD



Category

Brand	Optics
Product category	Microscopes
Product group	Metallurgical microscopes

Approval

CE mark	✓
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Construction

Dimension (W×D×H)	440×200×460 mm
Optical system	Infinity
Tube type	Siedentopf
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Contrasting methods	Bright field Polarisation (optional)
Light distribution	20:80
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Diopter adjustment	one-sided
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm
Camera adapter type	C-Mount
Supported camera types	Microscope Camera

Ocular

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