KERN **OZL 468**

The flexible, affordable all-rounder with zoom function for schools, training companies, inspection authorities and laboratories

KERN

Category

Brand	Optics
Product categoriy	Microscope
Product group	Stereo microscope
Product family	OZL-46

Approval

CE mark	✓

Construction

Dimension (W×D×H)	300×240×420 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Eyepieces fixed	✓
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Contrasting methods	Bright field
Light distribution	100:0
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	55 mm

Ocular

Ocular field width	HWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30 mm

Focussing

Torque regulation	✓
Working distance	105 mm
Zoom [Min]	0,7 x
Zoom [Max]	4,5 x
Magnification ratio	6,4:1
Field of view [Min]	4,4 mm
Field of view [Max]	28,6 mm
Focusing mechanism	coarse drive
Sample height [Max]	140 mm
Standard total magnification [Min]	7 x
Standard total magnification [Max]	45 x

Illumination

Illumination type incident light	LED
Illumination intensity incident light	3 W
Illumination intensity transmitted light	3 W
Illumination type transmitted light	LED
Illuminance	Reflected light Transmitted light
Illumination dimmable	Incident light + Transmitted light, separate

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 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

Environmental conditions

Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	510×355×290 mm
Net weight	4,585 kg
Shipping method	Parcel service

KERN **OZL 468**

The flexible, affordable all-rounder with zoom function for schools, training companies, inspection authorities and laboratories

Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	10,5 kg

Pictograms

STANDARD

360°	TRINO	LED	IL	TL	ZOOM	230 V	1 DAY