

KERN OZG 493

KERN

The specialist for jewellers and the gem industry



Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZG-4

Approval

CE mark	✓
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Construction

Dimension (W×D×H)	310×170×350 mm
Optical system	Greenough
Tube type	Binocular
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 Darkfield
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	55 mm

Ocular

Ocular field width	WF
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30,5 mm

Focussing

Torque regulation	✓
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Working distance	86 mm
Zoom [Min]	0,7 x
Zoom [Max]	3,6 x
Magnification ratio	5,1:1
Field of view [Min]	5,6 mm
Field of view [Max]	28 mm
Focusing mechanism	coarse drive
Standard total magnification [Min]	7 x
Standard total magnification [Max]	36 x

Illumination

Illumination type incident light	Halogen
Illumination intensity incident light	10 W
Illumination intensity transmitted light	10 W
Illumination type transmitted light	Halogen
Illuminance	Reflected light Transmitted light

Power Supply

Input voltage power supply / power [Max]	220 V
Input voltage device / power [Max]	220 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	UK

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)	470×365×245 mm
Net weight	5,348 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	6 kg
Shipping weight	8,4 kg

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Pictograms

STANDARD

