

# KERN OZG 493

The specialist for jewellers and the gem industry

# KERN



## Category

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

## Construction

Dimension (W×D×H)	310×170×350 mm
Optical system	Greenough
Tube type	Binocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Contrasting methods	Bright field Darkfield
Eyepieces fixed	✓
Interpupillary distance [Min]	55 mm
Interpupillary distance [Max]	75 mm
Diopter adjustment	both-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

## Ocular

Ocular type	Eyepiece WF 10 x / Ø 20mm with anti-fungus
Ocular field width	WF
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	30,5 mm

## Objective

Objectives magnifications	0,7 x - 3,6 x
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## Illumination

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

## Focussing

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

## Stereomicroscope stand

Stand type	pillar
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## Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK
Input voltage power supply / power [Max]	220 V
Input voltage device / power [Max]	220 V

## Environmental conditions

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

## Approval

CE mark	✓
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## Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	470×365×245 mm
Net weight	5,348 kg

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Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	6 kg
Shipping weight	8,4 kg

## Pictograms

### STANDARD

