

# KERN OZM 953

# KERN

Predefined stereo microscope sets with PREMIUM universal stand and illumination for your functional workplace



Field of view [Max]	32,8 mm
Focusing mechanism	coarse drive
Sample height [Max]	130 mm
Standard total magnification [Min]	7 x
Standard total magnification [Max]	45 x

## Illumination

Illumination type incident light	LED
Illumination intensity incident light	4,5 W
Illuminance	Reflected light
Illumination dimmable	Incident light

## 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
	EURO
	AUS
Plug-in power supply / adapter for countries - optional	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)	700×520×350 mm
Net weight	11 kg
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	13 kg
Shipping weight	25,5 kg

## Pictograms

## Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope set
Product family	OZM-9

## Construction

Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	45°
Tube 360° rotation	✓
Diopter adjustment	both-sided
Diopter adjustment [Min]	-6
Diopter adjustment [Max]	6
Contrasting methods	Bright field
Light distribution	100:0
Interpupillary distance [Max]	76 mm
Interpupillary distance [Min]	52 mm

## Ocular

Ocular field width	HSWF
Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	23 mm
Ocular diameter	30 mm

## Focussing

Torque regulation	✓
Working distance	110 mm
Zoom [Min]	0,7 x
Zoom [Max]	4,5 x
Magnification ratio	6,4:1
Field of view [Min]	5,1 mm