

KERN OZS 574

KERN

Professional stereo zoom microscope with parallel optics for excellent images, depth of field, contrast and fatigue-free working



Category

Brand	Optics
Product category	Microscope
Product group	Stereo microscope
Product family	OZS-5

Approval

CE mark	✓
---------	---

Construction

Dimension (W×D×H)	305×300×540 mm
Optical system	Parallel
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 Darkfield (optional)
Light distribution	100:0
Interpupillary distance [Max]	76 mm
Interpupillary distance [Min]	52 mm

Ocular

Ocular field width	HWF
Ocular magnifications	10 x
Ocular visual field	22 mm
Ocular diameter	30 mm

Focussing

Torque regulation	✓
-------------------	---

Working distance	91 mm
Zoom [Min]	0,8 x
Zoom [Max]	8 x
Magnification ratio	10,0:1
Field of view [Min]	2,75 mm
Field of view [Max]	27,5 mm
Focusing mechanism	coarse drive
Sample height [Max]	100 mm
Standard total magnification [Min]	8 x
Standard total magnification [Max]	80 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]	110 - 220 V
Input voltage device / power [Max]	110 - 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
	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)	400×370×340 mm
Net weight	5,7337 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg

KERN OZS 574



Professional stereo zoom microscope with parallel optics for excellent images, depth of field, contrast and fatigue-free working

Shipping weight 10,1 kg

Objective

Objectives - Details Objective Plan
Achromatic 1 x anti-
fungus

Pictograms

STANDARD



OPTION

