

KERN OZP 558T24 1

KERN

First-class optics as well as strong illumination combined with a high level of flexibility and digital tools



Category

Brand	Optics
Product category	Microscope
Product group	Digital microscope set
Product family	OZP-S

Display

Display type	LCD touch
Display type	LCD touch
Display screen size	9,7"
Display resolution	2048×1536

Construction

Dimension (W×D×H)	330×285×690 mm
Optical system	Greenough
Tube type	Trinocular
Tube angle of inclination	35°
Tube 360° rotation	✓
Light distribution	0:100
Contrasting methods	Bright field Darkfield (optional)
Interpupillary distance [Min]	52 mm
Interpupillary distance [Max]	76 mm
Dioptr adjustment	both-sided
Dioptr adjustment [Min]	-6
Dioptr adjustment [Max]	6
C-Mount magnification	0,5x
C-Mount focusable	✓
Supported camera types	Microscope Camera

Functions

Camera - Applicable software	integrated camera software (HDMI)
Supported operating systems	Android
Memory - total size	128 GB

Interface

Interfaces	WiFi USB 2.0 HDMI MicroSD card slot
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Ocular

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

Objective

Objectives magnifications	0,6x - 5,5x
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Illumination

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

Focussing

Field of view [Min]	4,2 mm
Field of view [Max]	38,3 mm
Zoom [Min]	0,6x
Zoom [Max]	5,5x
Sample height [Max]	110 mm
Torque regulation	✓
Working distance	108 mm
Magnification ratio	9,2:1
Focusing mechanism	coarse drive

Stereomicroscope stand

Stand type	pillar
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Diameter mounting microscope head (Ø) 76 mm

Camera

Cameratype	Tablet camera
Camera - Adapter type	C-Mount
Camera - Resolution	5 MP
Camera - Sensor type	Sony CMOS
Camera - Sensor size	1/2,8"
Camera - Colour depth	Colour
Camera - Framerate	30 fps
Camera- Mounting types	C-mount thread
Camera - Exposure method	Rolling Shutter

Power Supply

Supplied power supply	Power supply unit
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK
	US
	CH
Input voltage power supply / power [Max]	100 - 240 V AC, 50/60 Hz, 1,0 A
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 2000 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm

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)	590×440×390 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	8 kg
Shipping weight	20,2 kg

Product information

GTIN/EAN number	4045761228580
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

