

KERN OIV 255



The comprehensive digital solution for increased working comfort when carrying out continuous monitoring work in industry



Category

Brand	Optics
Product category	Microscope
Product group	Video microscope
Product family	OIV-2

Display

Display type	LCD
Display screen size	12"
Display resolution	1920×1080 HD

Construction

Dimension (W×D×H)	320×260×483 mm
Optical system	Axial
Contrasting methods	Bright field

Functions

Camera - Applicable software	integrated camera software
Memory function	✓
Memory - total size	128 GB

Interface

Interfaces	HDMI USB-Device
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Objective

Objectives magnifications	0,7x - 5x
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Illumination

Illuminance	Reflected light
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Illumination type incident light	LED
Illumination intensity incident light	2 W
Illumination dimmable	Incident light

Focussing

Field of view [Min]	4,18 mm
Field of view [Max]	29,82 mm
Click-Stop-Zoom	✓
Zoom [Min]	0,7x
Zoom [Max]	5x
Sample height [Max]	100 mm
Torque regulation	✓
Working distance	105 mm
Magnification ratio	7,1:1
Focusing mechanism	coarse drive

Stereomicroscope stand

Stand type	mechanical
Column height	330 mm

Camera

Camera - Resolution	2 MP
Camera - Sensor type	CMOS
Camera - Sensor size	1/2"
Camera - Colour depth	Colour
Camera - Framerate	60 fps
Camera - Exposure method	Rolling Shutter

Power Supply

Supplied power supply	Power supply unit
Power supply type	Table power supply (not separable, no ground contact)
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	AUS UK US CH
Input voltage power supply / power [Max]	110 - 220 V
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 3,3 A
Power socket for mains adapter	Inside plus, outside minus

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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)	510×430×350 mm
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	8 kg
Shipping weight	15,4 kg

Product information

GTIN/EAN number	4045761248694
REACH classification	no prohibited substances

Pictograms

STANDARD

