

KERN OIV 254



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



Date of creation: 10.07.2026

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
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
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 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
Shipping volume weight	15,4 kg

Product information

ATTR_warrantyTime	36 mon
Trade number	90118000
GTIN/EAN number	4045761248946

Pictograms

STANDARD

