

# KERN OIV 345

# KERN

The entry level video microscope with bright image reproduction and intuitive operation



Camera - Exposure method      Rolling Shutter

## Focussing

Working distance	100 mm
Zoom [Min]	0,7 x
Zoom [Max]	4,5 x
Magnification ratio	6,4:1
Field of view [Min]	2,5 mm
Field of view [Max]	16 mm
Focusing mechanism	coarse drive
Sample height [Max]	110 mm

## Illumination

Illumination type incident light	LED
Illumination intensity incident light	3 W
Illuminance	Reflected light
Illumination dimmable	Incident light

## Functions

Memory - total size	32 GB
Interfaces	USB 2.0
	HDMI
	MicroSD card slot
Camera - Software functions	Image capturing Video capturing Image editing/ Documentation Measurements
Camera - Applicable software	integrated

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 2000 mA
Plug-in power supply type	Table power supply (separable)
Supplied power supply	Power supply unit
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)	420×390×250 mm

## Category

Brand	Optics
Product category	Microscope
Product group	Video microscope
Product family	OIV-3

## Zulassung

CE mark	✓
---------	---

## Display

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

Languages of the user interface	German
	English
	French
	Spanish
	Italian
	Russian

## Construction

Dimension (W×D×H)	320×260×450 mm
Dimension display device (W×D×H)	275×170×12 mm
Material display housing	Plastics
Optical system	Axial
Tube type	Trinocular
Contrasting methods	Bright field
Cameratype	integrated tablet-camera
Camera - Sensor type	Sony CMOS
Camera - Sensor size	1/2,8"
Camera - Resolution	5 MP
Camera - Framerate	60 fps

# KERN OIV 345



The entry level video microscope with bright image reproduction and intuitive operation

Net weight	4,3 kg
Shipping method	Parcel service
Net weight approx.	4,4 kg
Gross weight approx.	6 kg
Shipping weight	8,2 kg

## Pictograms

### STANDARD

