

# KERN OIV 345

# KERN

The beginner's video microscope with the simplest handling for applications of all kinds



Sample height [Max] 110 mm

## Illumination

Illumination dimmable Incident light  
Illuminance Reflected light

## Functions

Memory function ✓  
Memory - total size 128 GB  
Interfaces HDMI MicroSD card slot  
USB-Device

## Power Supply

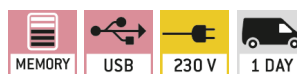
Input voltage power supply / power [Max] 100 V - 240 V, 50 / 60 Hz  
Input voltage device / power [Max] 12 V, 2000 mA  
Plug-in power supply type Table power supply (separable)  
Supplied plug-in power supply Power supply unit

## Packing & Shipping

Readability force [d] (N) 1 d  
Shipping method Parcel service  
Dimensions packaging (W×D×H) 420×390×250 mm  
Net weight approx. 4,4 kg  
Gross weight approx. 6 kg

## Piktogramme

### STANDARD



## Category

Brand Optics  
Product category Microscopes  
Product group Video microscopes

## Approval

CE mark ✓

## Display

Display screen size 12"  
Display resolution 1920×1080 HD

## Construction

Dimension display device (W×D×H) 280×170×12 mm  
Dimension (W×D×H) 320×26×450 mm  
Material display housing Plastics  
Optical system Axial  
Contrasting methods Bright field  
Camera type integrated tablet-camera  
Camera resolution 5 MP  
Camera sensor type CMOS  
Camera sensor size 1/2,8"  
Camera colour depth Colour  
Camera framerate 60 fps

## Focussing

Zoom [Min] 0,7 x  
Zoom [Max] 4,5 x  
Field of view [Max] 16 mm  
Torque regulation ✓  
Focusing mechanism coarse drive