

KERN OIV 345



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

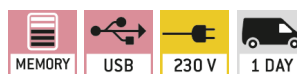
Input voltage power supply / power [Max] 100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max] 12 V, 2000 mA
Plug-in power supply type Table power supply (separable)
Supplied plug-in power supply Power supply unit

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