KERN OIV 345

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



Article codes, product groups & Status information	
Model article-code	OIV 345
Model-Serie	OIV-3
Assortment	Microscopes & Optical Metrology
Segment	Microscopes
Product group	Video microscopes
Product usage type	Main article
EAN code (Model)	4045761478985
Predecessor Model	OIV 345-2.023a
Planned start date	2025-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Axial
Objectives	0,5x
Camera Resolution	5 MP
Sensor Type	Sony CMOS
Sensor size	1/2,8"

Technical data - Construction	
System	Upright
Stand type	Mechanical
Stand area	260×320 mm
Focusing mechanics	Coarse drive
Visual field min	2,3 mm
Visual field max	14,77 mm
Working distance	100 mm
Sample height max	110 mm
Interfaces	HDMI;MicroSD;USB 2.0
Opertaing system	Win 10;Win 11;Win 7;Win 8
Applicable software	Integrierte Kamerasoftware;S-Viewer (OXM 904)
Software functions	Bildaufnahme;Bildbearbeitung/Dokumentation;Messungen;Videoaufnahme
Dimensions (W×D×H)	320×260×450 mm

Technical data - Display	
Display type	LCD
Screen size	116"
Display resolution	1.920 x1.080 HD
Display tilting	0-45°

Technical data - Power supply	
Power supply kind	Table power supply (separable)
Input Voltage	100 V - 240 V, 50 / 60 Hz
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	Removable

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	420×390×250 mm
Gross weight	6 kg
Net weight	4,4 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	320 g
Packaging component - by weight - plastics	30 g
Packaging component - by weight - styrofoam	650 g
Delivery time	1 d

Technical data - Environmental conditions

Storage Temp Min	-5 °C
Stotage Temp Max	40 °C

Technical data - Verification

WEEE	Yes

Technical data - Illumination

Illumination directions	Reflected light
Incident light type	LED
Incident light intensity	3 W
Dimmable	Incident light

Functions

Standard

