

KERN OIV 355

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



Article codes, product groups & Status information

Model article-code	OIV 355
Model-Serie	OIV-3
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Video microscopes
Product usage type	Main article
EAN code (Model)	4045761496552
Planned start date	2026-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Optical System	Axial
Objectives	0,5x
Illumination	5W LED (Durchlicht), 3W LED (Auflicht)
Camera Resolution	5 MP
Sensor Type	Sony CMOS
Sensor size	1/2,8"

Technical data - Construction

System	Upright
Stand type	Mechanical
Stand area	320×260 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
Operating system	Win 10;Win 11;Win 7;Win 8
Applicable software	Integrierte Kamerasoftware;S-Viewer (OXM 904)
Software functions	Bildaufnahme;Bildbearbeitung/Dokumentation;Messung;Videoaufnahme
Dimensions (W×D×H)	320×260×450 mm

Technical data - Display

Display type	LCD
Screen size	116"
Display resolution	1.920x1.080 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

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Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 420×400×280 mm

Gross weight 8 kg

Net weight 6 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

Storage Temp Max 40 °C

Technical data - Verification

WEEE Yes

Technical data - Illumination

Illumination directions Reflected light; Transmitted light

Transmitted light type LED

Transmitted light intensity 5W

Incident light type LED

Incident light intensity 3W

Dimmable Incident light + Transmitted light, separate

Functions

Standard

