

KERN OZL 445

The affordable and flexible stereo zoom microscope for laboratories, inspection authorities and quality controls



Article codes, product groups & Status information

Model article-code	OZL 445
Model-Serie	OZL-44
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Stereo microscopes
Product usage type	Main article
EAN code (Model)	4045761170377
Planned start date	2015-1HJ
Customs tariff number	90111000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Optical System	Greenough
Tube	Binocular
Eyepiece	Eyepiece WF 10x / Ø 20mm with anti-fungus
Objectives	0,75x - 3,6x
Illumination	0,35W LED (Durchlicht), 1W LED (Auflicht)

Technical data - Construction

System	Upright
Tube angle	45°
Tube rotation	Yes

Stand type	Pillar
Eye distance (max)	75 mm
Eye distance (min)	55 mm
Adjustable dioptré	Both-sided
Focusing mechanics	Coarse drive
Visual field min	6 mm
Visual field max	28 mm
Working distance	86 mm
Sample height max	100 mm
Max resolution	0,005161 mm
Dimensions (W×D×H)	230×235×360 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 - 240 V
Protection Class	Class III - Low voltage
Cable attachment	Removable

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	475×370×300 mm
Gross weight	6 kg

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Net weight 4,4 kg

Shipping method Parcel service

Packaging component - by weight - paper 0 g

Packaging component - by weight - cardboard 699,72 g

Packaging component - by weight - plastics 9,52 g

Packaging component - by weight - styrofoam 479,57 g

Packaging component - by weight - foam 0 g

Delivery time 1 d

Technical data - Verification

WEEE Yes

Technical data - Illumination

Illumination directions Reflected light; Transmitted light

Transmitted light type LED

Transmitted light intensity 0,35 W

Incident light type LED

Incident light intensity 1 W

Functions

Standard

