KERN OZL 463

The flexible, affordable all-rounder with zoom function for schools, training companies, inspection authorities and laboratories

Article codes, product groups & Status information	
Model article-code	OZL 463
Model-Serie	OZL-46
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Stereo microscopes
Product usage type	Main article
EAN code (Model)	4045761175112
Planned start date	2016-1HJ
Customs tariff number	90111000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Greenough
Tube	Binocular
Eyepiece	Eyepiece HWF 10x / Ø 20mm High Eye Point
Objectives	0,7x - 4,5x
Illumination	3W LED (Durchlicht), 3W LED (Auflicht)

Technical data - Construction	
System	Upright
Tube angle	45°
Tube rotation	Yes
Stand type	Pillar
Stand area	290×240 mm
Holder diameter	76 mm
Eye distance (max)	75 mm
Eye distance (min)	55 mm
Adjustable dioptre	Both-sided
Focusing mechanics	Coarse drive
Visual field min	4,4 mm
Visual field max	28,6 mm
Working distance	105 mm
Sample height max	140 mm
Max resolution	0,0037 mm
Dimensions (W×D×H)	300×240×420 mm

Technical data - Power supply	
Power supply kind	Built-in power supply
Input Voltage	100 - 240 V
Power Plug	Cold device cable
Protection Class	Protection class I - protective conductor
Cable attachment	Removable

Technical data - Environmental conditions	
Storage Temp Min	-5 °C
Stotage Temp Max	40 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	452×414×290 mm
Gross weight	7 kg
Net weight	4,2 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	1.761,11 g
Packaging component - by weight - plastics	32,24 g
Packaging component - by weight - styrofoam	219,635 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	3 W
Incident light type	LED
Incident light intensity	3 W
Dimmable	Incident light + Transmitted light, separate

Functions

Standard