KERN OZM 544

First-class optics and strong illumination combined with a high level of flexibility



Article codes, product groups & Status information	
Model article-code	OZM 544
Model-Serie	OZM-5
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Stereo microscopes
Product usage type	Main article
EAN code (Model)	4045761169302
Successor Model	OZP 158
Planned start date	2015-1HJ
Customs tariff number	90111000
Model Status	Yes
CE Label	Yes
Country of Origin	CN
Selective distribution	0

Technical data - Primary	
Optical System	Greenough
Tube	Trinocular
Eyepiece	Eyepiece HSWF 10x / Ø 23 mm with anti-fungus, 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	283×292 mm
Holder diameter	76 mm
Eye distance (max)	76 mm
Eye distance (min)	52 mm
Adjustable dioptre	Both-sided
Focusing mechanics	Coarse drive
Visual field min	5,1 mm
Visual field max	32,8 mm
Working distance	110 mm
Sample height max	130 mm
Max resolution	0,0046 mm
Dimensions (W×D×H)	330×285×440 mm

Technical data - Power supply	
Power supply kind	Built-in power supply
Input Voltage	100 - 240 V
Power Plug	Hollow plug, positive terminal on the inside, outer diameter 5.5 mm, inner diameter 2.5 mm, length 10 mm
Protection Class	Class III - Low voltage
Cable attachment	Removable

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

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	385×370×330 mm
Gross weight	6 kg
Net weight	4,8 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	780,25 g
Packaging component - by weight - plastics	27,4648 g
Packaging component - by weight - styrofoam	440,685 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



Option

