KERN OBN 135

Professionalism and versatility united in one microscope – with Koehler illumination for demanding applications



Article codes, product groups & Status information	
Model article-code	OBN 135
Model-Serie	OBN-13
Assortment	Microscopes & Optical Metrology
Segment	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761267787
Predecessor Model	OBN 132; OBN 135-2.021a
Successor Model	OBN 235
Planned start date	2023-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10x / Ø 20 mm with anti-fungus, high eye point
Standard Objectives	100x;10x;20x;40x;4x
Objective quality	Infinity Plan

Technical data - Construction	
System	Upright
Tube type	Siedentopf
Tube angle	30°
Tube rotation	Yes
Nosepiece positions	5
Eye distance (max)	75 mm
Eye distance (min)	50 mm
Adjustable dioptre	Both-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0,002 mm
Table traveling distance	78 mm;55 mm
Aperture diaphragm	Yes
Condenser Type	Abbe
Condenser aperture	1,25
Condenser mounting	Centerable
Dimensions (W×D×H)	390×200×395 mm

Technical data - Power supply	
Power supply kind	Power adapter
Input Voltage	100 V - 240V AC 50/60Hz 0,3A
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

Technical data - Environmental conditions

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

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	530×370×275 mm
Gross weight	12 kg
Net weight	10 kg
Shipping method	Parcel service
Packaging component - by weight - paper	2,017 g
Packaging component - by weight - cardboard	1.500,65 g
Packaging component - by weight - plastics	14,119 g
Packaging component - by weight - styrofoam	500,216 g
Packaging component - by weight - foam	0 g
Delivery time	1 d

Technical data - Verification	
WEEE	Yes

Technical data - Illumination	
Illumination directions	Transmitted light
Transmitted light type	LED
Transmitted light intensity	3 W
Koehler	Yes

Functions

Standard



Option

