

KERN OBL 137

The flexible laboratory assistant with infinity optical system and fixed, pre-centred Koehler illumination



Article codes, product groups & Status information

Model article-code	OBL 137
Model-Serie	OBL-1
Assortment	Optics
Product Type	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761267770
Predecessor Model	OBL 137-2022a
Planned start date	2023-2HJ
Customs tariff number	90118000
CE Label	Yes

Technical data - Primary

Optical System	Infinity
Tube	Trinocular
Eyepiece	Eyepiece HWF 10x / Ø 20mm with anti-fungus, high eye point
Illumination	3W LED (transmitted light)

Technical data - Construction

System	Upright
Tube type	Siedentopf
Tube angle	30°
Tube rotation	Yes
Nosepiece positions	4

Eye distance (max)	75 mm
Eye distance (min)	50 mm
Adjustable dioptre	One-sided
Focusing mechanics	Coaxial coarse and fine drive
Fine drive minimum	0.002 mm
Table size	145×130 mm
Table traveling distance	76×52 mm
Aperture diaphragm	Yes
Condenser Type	Abbe
Condenser aperture	1.25
Condenser mounting	Fixed
Dimensions (W×D×H)	394×185×377 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100 V - 240V AC 50/60Hz 0,3A
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)	546×383×285 mm
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Gross weight	9 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - paper	3.824 g
Packaging component - by weight - cardboard	1456.94 g
Packaging component - by weight - plastics	15.296 g
Packaging component - by weight - styrofoam	437.848 g
Packaging component - by weight - foam	0 g
Delivery time	1 d

Technical data - Verification

WEEE	Yes
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Technical data - Illumination

Illumination directions	Transmitted light
Transmitted light type	LED
Transmitted light intensity	3W
Incident light type	None
Dimmable	Transmitted light
Koehler	Yes

Functions

Standard



Option

