

KERN OBN 148

The fluorescence microscope for the professional user



Article codes, product groups & Status information

Model article-code	OBN 148
Model-Serie	OBN-14
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Transmitted light microscopes
Product usage type	Main article
EAN code (Model)	4045761163157
Successor Model	OBN 148-2.026e
Planned start date	2015-1HJ
Customs tariff number	90118000
CE Label	Yes
Country of Origin	CN
Selective distribution	0

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
Illumination	12 V, 20W Halogen (Durchlicht), 100W HBO (Auflicht)

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 dioptr	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
Dimensions (W×D×H)	530×220×490 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
Storage Temp Max	40 °C

KERN OBN 148

The fluorescence microscope for the professional user



Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	500×440×500 mm
Gross weight	24 kg
Net weight	16 kg
Shipping method	Parcel service
Packaging component - by weight - paper	0 g
Packaging component - by weight - cardboard	5.996,79 g
Packaging component - by weight - plastics	21,066 g
Packaging component - by weight - styrofoam	997,124 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	Halogen
Transmitted light intensity	20 W
Incident light type	HBO
Incident light intensity	100 W
Dimmable	Transmitted light
Koehler	Yes

Functions

Standard



Option

