

KERN OSE 421

Stereo microscope with robust, ergonomic design, ideal for workshops, schools and training



Article codes, product groups & Status information

Model article-code	OSE 421
Model-Serie	OSE-42
Assortment	Microscopes & Optical Metrology
Product Type	Microscopes
Product group	Stereo microscopes
Product usage type	Main article
EAN code (Model)	4045761264380
Predecessor Model	OSE 421-2.020a; OSE 422
Planned start date	2022-1HJ
Customs tariff number	90111000
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Optical System	Greenough
Tube	Binocular
Eyepiece	Eyepiece WF 10x / Ø 20mm with anti-fungus
Objectives	2x / 4x
Illumination	1W LED (Durchlicht), 1W LED (Auflicht)

Technical data - Construction

System	Upright
Tube angle	45°

Stand type	Mechanical
Eye distance (max)	75 mm
Eye distance (min)	55 mm
Adjustable dioptré	Both-sided
Focusing mechanics	Coarse drive
Visual field min	5,5 mm
Visual field max	11 mm
Working distance	57 mm
Dimensions (W×D×H)	200×180×300 mm

Technical data - Power supply

Power supply kind	Power adapter
Input Voltage	100V-240V AC 50/60Hz 4 Amax
Power Plug	Inside plus, outside minus
Protection Class	Class III - Low voltage
Cable attachment	Removable
Battery compartment	Internal - with lid

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	340×310×225 mm
Gross weight	2,6 kg

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Net weight 2,2 kg

Shipping method Parcel service

Packaging component - by weight - paper 0 g

Packaging component - by weight - cardboard 189,846 g

Packaging component - by weight - plastics 10,017 g

Packaging component - by weight - styrofoam 277,137 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 1 W

Incident light type LED

Incident light intensity 1 W

Dimmable Incident light + Transmitted light, collectively

Functions

Standard

