

# KERN OBL 137



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



## Category

Brand	Optics
Product category	Microscope
Product group	Compound microscope
Product family	OBL-13

## Approval

CE mark	✓
---------	---

## Construction

Dimension (W×D×H)	394×185×377 mm
Optical system	Infinity
Tube type	Siedentopf
Tube type	Trinocular
Tube angle of inclination	30°
Tube 360° rotation	✓
Nosepiece screw-in locations	4
Diopter adjustment	one-sided
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5

Contrasting methods	Bright field
	Darkfield (optional)
	Polarisation (optional)
	Fluorescent (optional)
	Phase contrast (optional)

Light distribution	20:80
Interpupillary distance [Max]	75 mm
Interpupillary distance [Min]	50 mm
Colour temperature	6000 K

## Ocular

Ocular field width	HWF
--------------------	-----

Eye point	High Eye Point
Ocular magnifications	10 x
Ocular visual field	20 mm
Ocular diameter	23,2 mm

## Focussing

Fine drive minimum	0,002 mm
Torque regulation	✓
Field of view [Min]	0,2 mm
Field of view [Max]	5 mm
Focusing mechanism	coaxial coarse and fine drive

## Illumination

Illumination type incident light	none
Illumination intensity transmitted light	3 W
Illumination type transmitted light	LED
Illuminance	Transmitted light
Field diaphragm	✓
Aperture diaphragm	✓
Koehler illumination	✓
Filter possible	✓

## Power Supply

Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
Input voltage device / power [Max]	5 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
Plug-in power supply / adapter for countries - optional	UK
	US
	CH

## Environmental conditions

Storage temperature [Min]	-5 °C
Storage temperature [Max]	40 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	546×383×285 mm
Net weight	6,188 kg
Shipping method	Parcel service
Net weight approx.	7 kg

# KERN OBL 137



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

Gross weight approx.	9 kg
Shipping weight	11,9 kg

## Objective

Objectives - Details	Objective Infinity E-Plan 10 x / 0,25 anti-fungus Objective Infinity E-Plan 100 x / 1,25 oil, spring, anti-fungus Objective Infinity E-Plan 4 x / 0,1 anti-fungus Objective Infinity E-Plan 40 x / 0,65 spring, anti- fungus
----------------------	---

## Pictograms

### STANDARD



### OPTION

