

# KERN OBL 137C825

# KERN

The digital laboratory assistant with infinity optical unit and fixed, Koehler illumination



Camera colour depth	Colour
Camera framerate	6,8 - 55 fps
Camera mounting types	C-mount thread

<b>Ocular</b>	
Ocular field width	HWF
Ocular magnifications	10 x
Ocular diameter	23,2 mm
Ocular visual field	20 mm
Eye point	High Eye Point

<b>Focussing</b>	
Field of view [Max]	5 mm
Torque regulation	✓
Focusing mechanism	coaxial coarse and fine drive

<b>Illumination</b>	
Field diaphragm	✓
Illumination dimmable	Transmitted light
Illuminance	Transmitted light
Filter possible	✓

<b>Functions</b>	
Interfaces	USB 2.0
Supported operating systems	Win XP Win Vista Win 7 Win 8 Win 10

<b>Power Supply</b>	
Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	100 - 240 V
Plug-in power supply type	Built-in power supply
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO

<b>Packing &amp; Shipping</b>	
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	590×440×390 mm
Net weight approx.	8 kg
Gross weight approx.	9 kg
Shipping weight	20,2 kg

## Piktogramme

## Category

Brand	Optics
Product category	Microscopes
Product group	Transmitted light microscopes

## Approval

CE mark	✓
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## 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	✓

Contrasting methods	Bright field Darkfield (optional) Polarisation (optional) Fluorescent (optional) Phase contrast (optional)
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Light distribution	20:80
Colour temperature	6000 K
Diopter adjustment [Min]	-5
Diopter adjustment [Max]	5
Diopter adjustment	one-sided
Interpupillary distance [Min]	50 mm
Interpupillary distance [Max]	75 mm

Camera type	USB2 Mikroskopkamera - C-Mount
Camera resolution	5,1 MP
Camera sensor type	CMOS
Camera sensor size	1/2,5"