



MS/25000



MS/25006



MS/56106

Microscopes

Microscopes, transmitted light

KERN OBS range is a solid and simple collection of school microscopes, which are easy to use due to their intuitive control elements.

- OBE range is a fully equipped all-round compound microscope for school, training and laboratories, ideal for haematology/sediment investigation etc.
- OBL is a professional series with an infinity optical unit & transmitted illumination for more demanding users & laboratory applications.
- OBN series stands out because of its unbeatable and consistently high quality and its ergonomic design. These models have a Koehler illumination unit, protective dust cover and eye cups included as standard. C-mount adapter is required to connect a camera.
- OSF is an extremely practical stereo microscope which is easy to use & has a built-in handle for portability. The eyepieces are fixed into the lens barrel, to stop them getting damaged or lost. Samples illuminated with reflected and transmitted lighting.
- OZL series are stereo zoom microscopes, that are robust with integrated LCD reflected and transmitted light for more demanding applications.
- Additional illumination is an optional extra.

Cat. No.	Code	Description
MS/25000	OBS 104	Microscope, binocular with 10x HWF eyepieces
MS/25018	OBE 112	Microscope, binocular, compound, WF10x eyepieces, 4x, 10x, 40x 100x objectives
MS/25002	OBL 125	Microscope, binocular, compound, 10x20mm eyepieces, 4x, 10x, 40x 100x objectives
MS/25004	OBL 145	Microscope, binocular, phase contrast, WF10x, 20mmØ eyepieces, 4x, 10x, 40x, 100x objectives
MS/25006	OBL 155	Microscope, trinocular, phase contrast, WF10x, 20mmØ eyepieces, 4x, 10x, 40x, 100x objectives
MS/25008	OBN 135	Microscope, trinocular, Koehler illumination, WF10x, 20mmØ eyepieces, 4x, 10x, 20x, 40x, 100x objectives
MS/25010	OBN 147	Microscope, Fluorescence, trinocular*, WF10x 20mmØ, INF plan 4x, 10x, 20x, 40x, 100x objectives
MS/25012	OSF 438	Microscope, Stereo, binocular WF10 x 20mmØ, 1x, 2x, 3x objectives
MS/25014	OZL 463	Microscope, Stereo zoom, binocular Greenough HWF10 x 20mmØ, 0.7, 4.5x objectives
MS/25016	OZL 464	Microscope, Stereo zoom, trinocular Greenough HWF10 x 20mmØ, 0.7, 4.5x objectives
Accessories:		
MS/25500	OSB-A6102	Illuminator, ring, 4.5W LED, approximately 7600K
MS/25502	OZB-A4515	Illuminator, dual fibre optic 6W LED, 5600 - 6300K
MS/25504	ODC 822	Camera* 1.3MP CMOS,1/3", USB 2.0 colour for trinocular microscopes
MS/25506	ODC 824	Camera* 3.1MP CMOS,1/2", USB 2.0 colour for trinocular microscopes
MS/25508	ODC 825	Camera* 5.1MP CMOS,1/255", USB 2.0 colour for trinocular microscopes
MS/25510	ODC874	Camera*, eyepiece, for binocular microscopes, 3MP CMOS 1/2.7" USB 2.0 colour
MS/25512	OBB-A1515	Adapter, C-Mount 0.5x with adjustable focus for MS/25006
MS/25514	OBB-A1136	Adapter, C-Mount 0.57x with adjustable focus for MS/25008 and MS/25010
MS/25516	OZB-A4811	Adapter, C-Mount 0.5x with adjustable focus for MS/25016

*Cameras ODC 822, ODC 824 and ODC 825 can be used with trinocular microscopes using an adapter; the ODC 874 camera replaces one of the eyepieces and does not require an adapter.

Educational microscopes

The Micro Blue entry level microscope is designed with education in mind, easy to use and student friendly. They are high quality and will withstand extensive use and rough handling. Supplied with a fixed lens condenser and a plain stage and 35mm achromatic objectives, the built-in rechargeable batteries enable cordless operation.

The Bio Blue series of educational microscopes feature the finest optical components providing clear, bright and crisp high-resolution images at every magnification. Supplied with DIN WF 10x/18 objectives, the image stays perfectly in focus and centred when changing magnification. With the exception of model BB.4200, which comes with a plain stage, the X-Y mechanical stage supplied with the other models provides 2µm precision positioning of the specimen.

The BioBlue Lab series of microscopes are suitable for use in education as well as in the laboratory environment. The 150 x 140mm stage with integrated rack less X-Y mechanical stage allowing a 75 x 30mm travel provides smooth translation and precise positioning of the specimen. This feature is particularly appreciated in most demanding cytology and histopathology applications. Available in both binocular and trinocular versions featuring either plan or IOS objectives, all models feature Neo LED lighting.