



MML 1200 MBL 2000

Binocular Microscope Series MBL 2000

[Info](#) [Order](#)

This robust, universal microscope is designed for general use in laboratories, schools and universities. Its interchangeable head and numerous accessories allow it to be used in many applications. The MBL series can be extended with phase contrast equipment, dark field condensor, micrometer equipment and plan achromatic objectives. Features of **the MBL series include:**

- ▶ Inclined binocular optical head with symmetrical interpupillary distance adjustment (55 - 75 mm)
- ▶ Diopter compensation with compensation scale for tube length of 160 mm
- ▶ 10x plano eyepieces with a focal length of 25 mm, and a field diameter of 18 mm (15x plano eyepieces are also available)
- ▶ Quadruple revolving nosepiece
- ▶ Achromatic objectives

4x	0.10 (N.A.)	17.04 mm	(Working distance)
10x	0.25 (N.A.)	8.05 mm	(Working distance)
40x	0.5 (N.A.)	0.32 mm	(Working distance, telescopic)
100x	1.25 (N.A.)	0.13 mm	(Working dist., oil immersion, telesc.)
- ▶ Stable metal stand, fitted on both sides with coaxial adjustment Coarse and fine adjustment knobs (0-200 μ m, with subdivisions of 2 μ m)
- ▶ Coarse adjustment range: 30 mm; fine adjustment range: 30 mm
- ▶ Coarse adjustment knob on the right with friction control ring, and on the left with a quick focussing device
- ▶ Graduated mechanical XY stage with coaxial adjustment:
 - Transverse movement 74 mm
 - Longitudinal movement 30 mm (scales with vernier)
 - Scale subdivisions 0,1mm
- ▶ Built-in low voltage illuminator with:
 - Tungsten-halogen bulb 6 V, 20 W, operates from 220-240 VAC, 50 Hz



- On/off switch, illumination control, removable condensor
- ▶ Brightfield ABBE condensor, double lensed: mounted in centering device (N.A. 1.25), iris diaphragm, Flip-out filter holder, vertical adjustment
- ▶ Glass filters: blue and green
- ▶

MBL 2100 Trinocular Microscope

[Info](#) [Order](#)

Data and accessories as for the MBL 2000, but with additional phototube for photographic and video camera. Adapter available.

MML 1500 Monocular Microscope

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Similar to MBL 2000, with monocular head inclined at 45° angle.

MBLKL 2000 Binocular Mikroskope

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The MBLKL is designed for medical examinations, with the same specifications and accessories as the MBL 2000, but with a high intensity light source (150 W), light guide, and dark and light field condensor. It is well suited for blood testing. Looks like MBLKL 2100 but without photo tube.

MBLKL 2100 Trinocular Microscope

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Data and accessories as MBLKL 2000, but with additional phototube.

All models also with five revolving nosepieces: 4x, 10x, 40x, 60x, 100x objectives.

Accessories:

- ▶ Plan achromatic objectives
- ▶ Phase contrast equipment
- ▶ Photo and video accessories

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