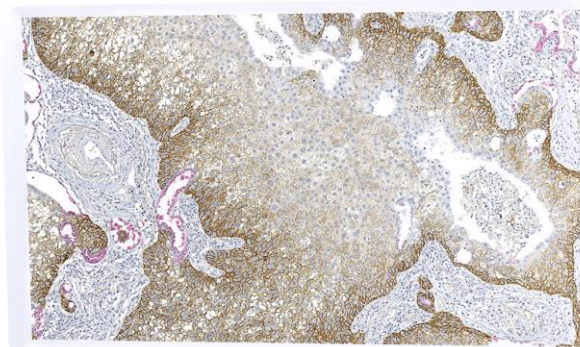# MB 200s Biological Microscope
with HDMI Camera and LCD screen

MB-200s Biological Microscope with camera and LCD screen

MB-200s microscopes are designed for universities and smaller labs. Ergonomic focus adjustment knobs for increased work comfort. New, high power adjustable light source ensures ample light for microscopic observations. Microscope set incudes microscope and HDMI camera with built-in LCD screen.

Specification *

Viewing head	Adjustable interpupillary distance: 50-75mm, dioptric correction +/-5 diopters in both eyepieces, eyepiece inclination: 30º • Binocular • Trinsocular (optional)
Eyepieces	Wide field, PL 10X/18mm or 10X/20mm
Objectives	Plan achromatic, infinity-corrected: 4X, 10X, 40X, 100X (optional: 20X, 60X)
Revolving nosepiece	Quadruple revolving nosepiece
Condenser	N.A.1.25 Abbe condenser with iris diaphragm
Focus adjustment	Coaxial, asymmetrical, high-precision coarse and fine focus adjustment knobs
Stage	Two-tiered mechanical stage with convenient, vertical XY manipulators, Dimensions: 132x140mm. Movement range: 76x50mm
Illumination	Transmitted light: Bright adjustable 3W LED light (KOEHLER collecting lens with iris – optional)
Base	Stable aluminum base.
Camera	– Sensor: 1 / 2.7" SONY – Live preview resolution 1920×1080 (Full HD), – Maks. Photo resolution: 6MPix – in computer mode. – Video capture: 1080 – 30 fps – Exposition time 0.001s-10 s. automatically and manually controllable – Automatic and manual white balance
Connection interface	– USB 2.0, HDMI, SD card slot – HDMI, USB, simultaneous USB + HDMI FullHD
Camera port	– Standard C-mount
Image settings	– Built-in on-screen image settings menu with possibility of camera control by mouse directly connected to the camera – Automatic parameter setup (live preview)
LCD Screen	11,6' LCD screen, FullHD, IPS, angle adjustment

Due to constant technological progress, the parameters provided above are purely informational in nature, depict on example configuration and are liable to change.

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