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LAB 40 SERIES BIOLOGICAL MICROSCOPE

OPTA-TECH, Aleja KEN 36 lok. U211, 02-797 Warsaw, Poland
tel. +48 22 853 64 76-8, fax. +48 22 843 33 91
e-mail: info@opta-tech.com, www.opta-tech.com

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LAB 40 Series Biological Microscope

LAB 40 is a high-class, new generation microscope with a very wide selection of accessories and razor-sharp optics that make it the best solution to every user's research needs.
This series of microscopes is designed for work in laboratories, hospitals and veterinary clinics.
A LAB 40 microscope can be outfitted with a digital image acquisition system. Modern software enables the user to manually adjust the camera parameters from the computer, archive the captured images with ease and conduct measurements. Optional image acquisition, archiving and analysis software can be enhanced with additional functions, based on the user's needs, thus adding new functionalities.

Technical parameters*

Optics	Infinity-corrected optical system
Viewing head	Binocular or trinocular (optional). Adjustable interpupillary distance: 54-75 mm. Eyepiece inclination: 30°. Dioptric correction: +/- 5 diopters in left eyepiece
Eyepieces	Wide field of view PL10X/22 mm
Revolving nosepiece	Quadruple or quintuple
Objectives	Plan achromatic: 4X, 10X, 40X, 100X (Optional: 2X, 20X i 60X). Optional semi-plan apochromatic objectives: 4X, 10X, 20X, 40X, 100X
Condenser	Condenser: N.A.1.2 / 0.22 (SWING)
Focus adjustment	Coaxial coarse and fine focus adjustment knob with coarse focus movement tension adjustment. Movement range: 30 mm. Movement precision: 0,002 mm.
Stage	Two-tiered mechanical stage with convenient vertical XY manipulators. Dimensions: 175 x 145 mm. Movement range: 76x42 mm. Anti-friction and anti-corrosive coating..
Illumination	Reflected and/or transmitted adjustable light source: 6V/30W or 12V/50W halogen (LBD filter included) or warm 5W LED light with field and aperture diaphragm.
Base	Ergonomic, metal base with grip for moving the device and built-in hex adjustment key slot.
Additional accessories	Phase contrast kit, polarization kit, fluorescence kit (HBO or LED), microscope camera, image capture and analysis software

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

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