

# OPTIKA

M I C R O S C O P E S

I T A L Y



## B-180 SERIES

Microscope **1000x**



Italian headquarters

Optika Microscopes is the optical microscopy division of M.A.D. Apparecchiature Scientifiche, a Company established over 30 years ago as a key actor in the field of scientific instrumentation.

A team of 60 people in 4 European locations works on the development of new models, on production, on quality control, on supply and aftersales services. A network of local distributors extends to the end users the Optika excellence in quality, innovation, competitive prices and assistance.

To the present day, Optika Microscopes offers more than 80 different microscope models, with full accessories, for the most diverse fields of optical microscopy. A challenging market, that Optika Microscopes approaches with professionalism and commitment.

## The series

The B-180 series microscopes are optimally targetted to university, as effective tools both for students and for educators. In their compact size, the B-180 microscopes show features that are normally to be found in much higher price ranges only. The intrinsic toughness and the overall high performance qualify these microscopes also for routine use in small professional environments. The extensive range of optional accesories extends the instrument potentials.

## Optical system

Designed for demanding users, the optical system is composed of first-class components. Optical coatings ensure superior image contrast. All optics are treated against mould, as required for humidity resistance.

## Stand

The modern design offers excellent ergonomics, maintaining a high portability. A wide opening behind the turret allows a clear visual access to the objectives and to the specimen area, such as required in a discussion group.

## Mechanics

All moving parts are machined under computerized numerical control, reducing tolerances and increasing reliability. The strict control on the materials and on the production process is optimized towards a high service life in demanding environments.

## Illuminators

White LED, non-rechargeable, with brightness control. The high illumination efficiency permits a wider adjustment range of the aperture iris, thus allowing a higher image contrast.



## B-181

Monocular  
Achromatic objectives  
(4x, 10x, 40x, 100x)

**B-182**

Binocular  
Achromatic objectives  
(4x, 10x, 40x, 100x)

Model	Head	Eyepiece	Nosepiece	Objectives	Stage	Focusing	Illuminator	Mains Power
<b>B-181</b>	Monocular 360° rotating, 45° inclined	Wide Field 10X / 18 mm	Quadruple, reversed	Achromatic (4x, 10x, 40x, 100x)	Double layer with mechanical sliding stage, 130x125 mm, moving range 50x30 mm	Coaxial coarse and fine focusing system, with focusing stop mechanism.	White LED, non- rechargeable, with brightness control	220V / 50Hz
<b>B-182</b>	Binocular 360° rotating, 45° inclined	Wide Field 10X / 18 mm	Quadruple, reversed	Achromatic (4x, 10x, 40x, 100x)	Double layer with mechanical sliding stage, 130x125 mm, moving range 50x30 mm	Coaxial coarse and fine focusing system, with focusing stop mechanism.	White LED, non- rechargeable, with brightness control	220V / 50Hz

## Accessories

M-001	H5x eyepiece
M-002	WF10x/18mm eyepiece
M-003	WF16x/12mm eyepiece
M-004	Micrometer eyepiece WF10x/18mm
M-310	4x achromatic objective
M-311	10x achromatic objective
M-312	20x achromatic objective
M-313	40x achromatic objective
M-314	60x achromatic objective
M-315	100x achromatic objective
M-180	Polarising set (filters only)
M-031	Dust cover type 3



[WWW.OPTIKAMICROSCOPES.COM](http://WWW.OPTIKAMICROSCOPES.COM)

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