

Advance LED Binocular Microscope-Overview

The BIMC-12N1000 is an economical microscope, design especially for students attending primary school. Slim and easy to carry solutions, it is equipped with all basic features and all you need to start learning to use a scientific instrument: 18mm field of view, up to 1000x maximum magnification, several options concerning stages, focusing, condenser and illumination system.



Optical system:

Infinite Optical System, 180mm

Observation tube:

Binocular

Inclination:

30° inclined, 360 rotating

Eyepiece(s):

WF 10x (18mm), lockable

Nosepiece:

Reversed quadruple revolving nosepiece with click stops

Objective classification:

PL Achromatic, DIN

Objective information:

4x NA=0.1 WD=18, 10x NA=0.25 WD=7, 40x(s) NA=0.65 WD=0.53, 100x (s)(oil) NA=1.25 WD=0.13

Objective mounting thread:

W 4/5" x 1/36" (JIS standard)

Stage:

Double Layers Mechanical Stage

Stage size:

142 x 134mm

Mechanical stage X & Y range:

75 x 50mm

Upper limit stop:

Upper limit stop preset but adjustable

Condenser:

N.A. 1.25 with iris diaphragm lever for height adjustability, provides a more sophisticated method of controlling the sub-stage illumination, and assists in obtaining optimum image resolution and contrast

Focus mechanism:

Coaxial Coarse and Fine Adjustment, Fine Division 0.002mm, Coarse Stroke 37.7mm per Rotation

Illumination:

S-LED Illumination (Rechargeable)

Power supply:

100 - 240V (CE)

Packing Size:

380 x 240 x 465mm (L x W x H)

Weight (kg):

7kg

*All of our microscopes are covered by a 5 year warranty on mechanical components and 2 year warranty on electrical components

*Standard packing: Foam + Paper box