

Advance LED Trinocular Microscope-Overview

The BIMC-12N300 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:

Finite Optical System, 200mm

Observation tube:

Trinocular

Inclination:

30° inclined, 360 rotating

Eyepiece(s):

WF 10x (30mm) lockable and WF 15x (16mm)

Nosepiece:

Reversed quintuple revolving nosepiece with click stops

Objective classification:

IPL Achromatic, DIN

Objective information:

4x NA=0.1 WD=18, 10x NA=0.25 WD=7, 40x (s) NA=0.65 WD=0.53, 60x(s) NA= 0.75 WD=0.42, 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:

230 x 150mm

Mechanical stage X & Y range:

78 x 54mm

Upper limit stop:

Upper limit stop preset but adjustable

Condenser:

Abbe Condenser NA1.25 with Aperture 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, Fine Stroke 0.2mm per Rotation, Moving Range 22mm

Illumination:

S-LED Illumination

Power supply:

100 - 240V (CE)

Packing Size:

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

Weight (kg):

8.5kg

*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