Microscopes "3000-A LED, 3000-B LED and 3000-C LED"

EXCELLENT RESOLUTION PLANACHROMATIC OPTICS. HIGH SPECIFICATION OPTICAL MICROSCOPES. MAXIMUM VERSATILITY WITH A WIDE RANGE OF CONFIGURATIONS, MODELS SHOWN ARE BINOCULAR AND TRINOCULAR WITH PHASE CONTRAST, BRIGHT AND DARK FIELD OPTICS, THIS INSTRUMENT IS IDEAL FOR A WIDE RANGE OF APPLICATIONS.

Optics Anti mould / Anti fungal

APPLICATIONS

Biology, bacteriology, cytology, immunology, diagnostics, pathology, agriculture,industry and university laboratories.

3000-A LED (BINOCULAR) AND 3000-B LED (TRIOCULAR).

FEATURES

Head, binocular or trinocular (model dependant), inclined 30° with 360° rotation.
Interpupillary distance adjustable from 53 to 75 mm.
Dioptric adjustment of ±5 dp in the left eyepiece, to compensate any visual differences.
Pair of DIN eyepieces wide field of view **WF 10x** (20 mm Ø).
DIN objectives, planachromatic bright field of **4x** (A.N. 0.10), **10x** (A.N. 0.25), 40x (A.N. 0.65) retractable and 100x (A.N. 1.25) oil immersion retractable, colour coded for rapid identification.
The planachromatic objectives provide an excellent image to the edge of the optical field of view.
Quadruple revolving objectives turret, rotates in both directions with spring ball stop locator when it is in the correct position.
Large substage of **180x140 mm**, rack and pinion adjustable height. Coaxial focus using controls located on both sides, graduated **micrometer** in steps of 0.002 mm and **macrometer** (with adjustable tension of up to 30 mm).
Safety stop with present adjustment.
Adjustable slide holder with a graduated scale of 0.1 mm, made up of a smooth (X-Y) rack and pinion mechanism, **longitudinal** and **transversal** movement of **50 mm** and **75 mm** respectively.
Abbe condenser of 1.25 A.N. precentred, with double lens, iris diaphragm and retractable from the front. Adjustable height using a rack and pinion mechanism.
The Abbe condenser can be easily replaced for special applications with a phase contrast condenser or a darkfield condenser (see accessories).
Transmitted illumination with LED that is formed with a condenser lens, viewing diaphragm removable filters and a precentred, low voltage, adjustable intensity.
Robust stable structure that includes the illumination system in the base, adjustable intensity potentiometer and On/Off switch.
Dimensions: 410 Height x 200 Width x 310 mm Depth.

Microscope Binocular Part No. 3000-A LED. Part No. 5901981
Microscope Triocular Part No. 3000-B LED. Part No. 5901982

Model "3000-B". Part No. 5901982.

MODEL 3000-C LED PLAN PHASE CONTRAST - BINOCULAR.

FEATURES

Similar characteristics to the model 3000-A LED except for a special configuration of **Plan Phase Contrast objectives**:
The objectives, **DIN quality, are planachromatic with positive phase contrast** of 10x (A.N. 0.25), 25x (A.N. 0.40) 40x (A.N. 0.65) retractable and 100x (A.N. 1.25) retractable and oil immersion.
The condenser is a phase turret A.N. 1.25, with central telescope and a set of white, blue and green filters. With sharp detail for examination of transparent thin sections that can differentiate the refraction index that the human eye cannot differentiate. Excellent for applications in biology, medicine, crystallography, agriculture, industrial plastics and rubber etc.

Microscope Binocular model 3000-C LED. Part No. 5901983

MODELS	Part No.	Head	Eyepieces	Objectives	Technique	Illumination	Weight kg
3000-A LED	5901981	Binocular	WF 10x (20 Ø)	Planachromatic (PL) 4x - 10x - 40x - 100x	Brightfield	3 W LED	8.4
3000-B LED	5901982	Triocular					8.7
3000-C LED	5901983	Binocular		Planachromatic (PL) phase contrast 4x - 25x - 40x - 100x	Phase contrast		8.4

Supplied complete with matt glass filter, fuse and a dust cover.

SPARE
LED lamp 3. Part No. 5313026

ACCESSORIES
See page: 278