

OPTIC900BLPH Phase Contrast Binocular Microscope LED light

Product Details

Product Number

PRO2932



Technical Specification:

Type:	Phase Contrast Microscope
Drawtube:	Trinocular
Illumination:	LED
Nosepiece:	Quadruple Nosepiece
Objective:	10x Microscope Objective
Application:	Science,Living Cell Culture
Product Name:	Laboratory Biological Microscope
Color:	White

TECHNICALSPECIFICATIONS

EYEPECE(S)

- Extended EWF 10x/20 mm eyepieces, Ø 30 mm tubes.
- Eyepieces can be secured to the tubes

HEADS

- Trinocular Siedentopf type heads are with 30° inclined tubes, interpupillary distance from 52 to 75 mm and is equipped with diopter adjustment(s).
- The binocular head comes with a Ø 30 mm photo port.
- An optional ergonomic titling head (0:100 50:50) are also available (Otional)

NOSEPIECE

- Revolving and reversed nosepiece for 4 objectives (5 objectives is optional)

OBJECTIVES

All optics are anti-fungus treated and anti-reflection coated for maximum light throughput

Infinity achromatic phase contrast objectives 4x/0.13 10x/0.30 20x/0.40 S40x/0.70 S100x/1.25 oil (Optional)

Infinity plan phase contrast objectives 4x/0.10 10x/0.25 S40x/0.65 S100x/1.25 oil (Standard) S60x/ 0.80 (Optional)

STAGE

- 156 x 138 mm ceramic stage with integrated 76 x 54 mm mechanical stage protects with a very tough ceramic surface, against marks and scratches. The surface also ensures stray light not to be reflected from the stage into the objective
- 185 x 177 mm rackless stage equipped with double slide holder and integrated 75 x 50 mm rackless mechanical stage. It has no protruding parts, enabling more smooth movements and is safer (Optional)

CONDENSER FOR PHASE CONTRAST

- An optional height adjustable NA. 1.25 phase contrast disc condenser with plan phase 10/20/S40x S60x and S100x oil immersion objectives and dark field stop position for dark field contrast up to 400x magnification (Optional)

FOCUSING

- Coaxial coarse and fine adjustments, 100 graduations, 1 µm per graduation, 100 µm per rotation, total travel approximately 14 mm. (most to 25mm)
- Supplied with an adjustable rack stop to prevent damage to sample and objectives.
- The coarse adjustments are equipped with friction control

ILLUMINATION

- 3 W adjustable LED illumination with internal 100-240 V power supply
 - The innovative design offers larger apertures, allowing the optical system of the microscope to produce images at higher resolutions, very close to the theoretical diffraction limit of the optics.
- Other benefits of the NeoLED is the low energy consumption, no heating and a long operating lifetime
- The illumination on models with IOS plan and plan phase infinity corrected system provides high contrast and a maximum achievable resolving power of the optics. Also available for other models as an option

PACKAGING

- Supplied with power cord, dust cover, a spare fuse, user manual and 4 ml immersion oil for models with S100x objective.
- All packed in good quality foam and carton.

CONFIGURATION

OPTIC900BLPH	Item	Binocular	trinocular
OPTIC900	Body (Choose the power cord please)	●	●
PRO2258	Binocular, Interpupillary distance 52-75mm	●	/
MS2A	Binocular, Interpupillary distance 48-75mm	○	/
PROMT2B	Trinocular, Interpupillary distance 52-75mm (100:0)	/	○
PRO2905	Trinocular, Interpupillary distance 52-75mm (20:80)	/	●
PROMT2A	Trinocular, Interpupillary distance 48-75mm (20:80)	/	○
PROMT2C	Trinocular, Interpupillary distance 52-75mm (50:50)	/	○
E1020PA	High eye-point plan eyepiece WF10X/20	●●	●●
E1022PC	High eye-point plan eyepiece WF10X/22	○○	○○
E1613PB	Plan eyepiece WF16X/13	○○	○○
E1020GA	High eye-point plan eyepiece WF10X/20 (Pointer)	○	○

E1022GC	High eye-point plan eyepiece WF10X/22 (Pointer)	○	○
E1020RA	Reticule Eyepiece, Cross WF10X/20	○	○

Accessories: