Benchtop digital microscope

Compact microscope for observing cells, with brightfield and fluorescence configurations.

Cell imaging



Features

- A small single-position imaging head for benchtop or incubator observation.
- Select brightfield or a configuration with green or red fluorescence.
- Autofocus and manual focus support cell inspection and time-lapse observation.
- Power and communication use the supplied Ethernet/PoE connection.

Technical specifications

Imaging position	Single
Objective options	2×, 4× or 10×; configuration-dependent
Camera	1.25 MP CMOS
Imaging modes	Brightfield; optional green or red fluorescence
Fluorescence options	Green Ex 470/40 nm, Em 510 nm long-pass; red Ex 525/30 nm, Em 570 nm long-pass
Focus	Manual and autofocus
Light source	LED
Culture vessels	Flasks, dishes, plates and slides
Exports	TIFF, AVI; JPEG and PNG
Connection	Ethernet / PoE
Computer	External PC, Windows 10; optional tablet set
Dimensions	211 × 146 × 188 mm
Weight	3.2 kg
Operating environment	10-40 °C; 20-95% relative humidity
Power input	100-240 V AC, 50/60 Hz

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Applications

- Inspect cells and record changes at a fixed field of view.
- Add compact monitoring to a culture workflow with limited bench space.

Configurations and accessories

- Select objective and fluorescence options for the sample and required field of view.
- A tablet, PoE adapter and software set can be specified.

Selection notes

- For research use. Match the objective, vessel holder and fluorescence configuration to your assay when requesting a quotation.

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