

ACCESSORIES

Illumination and sample positioning



ACCESSORIES

To achieve the ideal work situation, it is important to combine the right microscope with the right accessories.

We offer WIDE range of devices: external illuminator, moving stages, heating stages.

Choose the right accessories is an essential process in order to obtain the best performance from your microscope.

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|----------------|--|
| CLD-01 | Cold light generator, 14W X-LED extra-efficiency system. |
| CL-11.1 | Double-arm guide for CLD-01, with focusing lenses. |
| CL-12 | Ring optical fiber guide for CLD-01. |
| CL-15.1 | Ring light LED illuminator, with brightness control. |
| CL-20 | Ring light fluorescent bulb illuminator. |
| CL-30 | Double-arm LED illuminator. |
| CL-31 | Double-arm LED illuminator, with brightness control. |
| CL-41 | Double-arm X-LED illuminator, with brightness control. |



ACCESSORIES Series - CLD-01

Light source

High power 14W LED

Chromaticity coordinates (x,y)

0.320, 0.320 (pure white)

Optical power (with double-arm option)

Illuminance (at 10 cm distance): 70000 lux

Power supply

Brightness control potentiometer.

External power supply provided.

Input: 110/240 Vac 50/60 Hz; output: 6 Vdc 5A

Dimensions

Length: 200 mm

Width: 120 mm

Weight: 4,1 Kg

CLD-01 + CL-11.1



CLD-01 Accessories

The output can be coupled to the following accessories:

CL-11.1: Double-arm optical fiber guide with focusing lenses.

Arm length 500 mm.

CL-17: Focusing lens(pair) with built-in polarizer filter (for CL-11.1)

CL-12: Ring optical fiber guide (length 700 mm).

Guide diameter 16 mm. Diameter of the fixing ring: 55mm.

The circular end is suitable for all stereo series.

ACCESSORIES - Illuminators

CL-30

Double-arm Led illuminator.

Light sources: LED (x2);

With 2W high efficiency LEDs.

Chromaticity coordinates (x,y): 0.320, 0.320;

Luminous flux: 80 lm each arm;

Emission angle: 35°;

Power supply: 12Vdc, 1500 mA;

Without brightness control.

CL-31

Double-arm Led illuminator, with brightness control.

Light sources: LED (x2);

With 2W high efficiency LEDs.

Chromaticity coordinates (x,y): 0.320, 0.320;

Luminous flux: 80 lm each arm;

Emission angle: 35°;

Power supply: 12Vdc, 1500 mA;

With brightness control.

CL-41

Double-arm X-Led illuminator, with brightness control.

With 3,6W high efficiency X-LED.

Chromaticity coordinates (x,y): 0.320, 0.320);

Luminous flux: 400 lm each arm;

Emission angle: 25°;

Power supply: 12Vdc, 1500 mA;

With brightness control.

CL-31

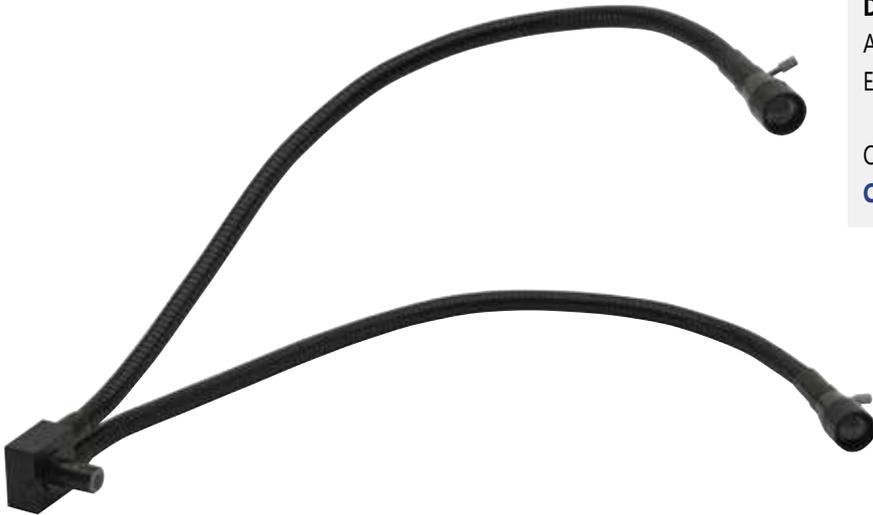


CL-41



ACCESSORIES - Illuminators

CL-11.1



CL-11.1

Double-arm guide for CLD-01, with focusing lenses.

Arm length 500 mm.

Each arm fitted with focusable lens adapter.

Optional accessory:

CL-17: lens pair with built-in linear polarizer.

CL-12

Ring optical fiber guide for CLD-01

Length 700 mm, diameter 16 mm. The circular end is suitable for all series, by using the three locking screws. Diameter of the fixing ring: 55mm.

CL-15.1

Ring light Led illuminator, with brightness control.

Intensity light control. Diameter of the fixing ring: 60mm. Suitable for all series.

CL-20

Ring light fluorescent bulb illuminator.

Fluorescence ring light illuminator, 8W. Diameter of the fixing ring: 60mm. Suitable for all series.

Optional lenses for arms:

CL-21: Spare fluorescent lamp, 8W (for CL-20)

CL-12



CL-15.1



CL-20



ACCESSORIES

- ST-100** **Moving stage ***
Manual positioning stage.
Dimensions: 185x145mm.
Range: 56mm (X) x 35mm (Y).
- ST-110** **Moving stage, with knobs ***
Manual positioning stage, using knobs for X-Y movements.
Dimensions: 180x155mm.
Range: 75mm (X) x 54mm (Y).
- ST-111** **Moving stage, with micrometer screws ***
Manual positioning stage, using micrometer screws.
Dimensions: 185x145mm.
Range: 25mm (X) x 25mm (Y).
Micrometer screws resolution: 0.01mm.
- M-666** **Heating stage for biological microscopes***
Temperature range: 20°C (room temperature) – 50°C.
Temperature setting resolution: 1°C.
Temperature measuring resolution: 0.1°C.
Display: LED display for set temperature.
LED display for measured temperature.
Power supply: Input: 110/220Vac 50/60Hz. Power: 50W.
- ST-666** **Heating stage for stereomicroscopes ***
Temperature range: 20°C (room temperature) – 50°C.
Temperature setting resolution: 1°C.
Temperature measuring resolution: 0.1°C.
Display: LED display for set temperature.
LED display for measured temperature.
Power supply: Input: 110/220Vac 50/60Hz. Power: 50W.

* The model of microscope that will be used with this accessory must be specified.

ST-100



ST-110



ST-111



M-666



ST-666



Headquarters and Manufacturing Facilities

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