Luxeo

Stereo Microscopy



LABOMED

ideas for vision

A truly bright idea in stereo microscopy



Innovation in illumination, optics and mechanical design makes Luxeo a strong choice for dissection and routine inspection microscopy for users who want real value. With a basic two-step configuration or a more advanced zoom system, the ergonomic Luxeo series comes in configurations suited to most applications.

Luxeo 2S	A 2-step educational stereo microscope for elementary or routine inspection of 3D objects.
Luxeo 4Z	A compact Greenough zoom pod with a 4.4:1 zoom ratio.



1 Focusable high-eyepoint eyepieces with a toggle lock* for diopter settings offer convenience and comfort. Rigid, antiglare retractable eyeguards have an antibacterial overmold.

2 Ergonomic zoom/step and focus control knobs with an antibacterial overmold. An all-metal gear system provides durable yet smooth focus control.

3 A 10-LED ring light can be adjusted for both intensity and a ±30° oblique angle of incidence. A bright yet cool LED base light illuminates translucent media.

OPTICS



LIGHT



* Available as standard with Luxeo 4Z only.

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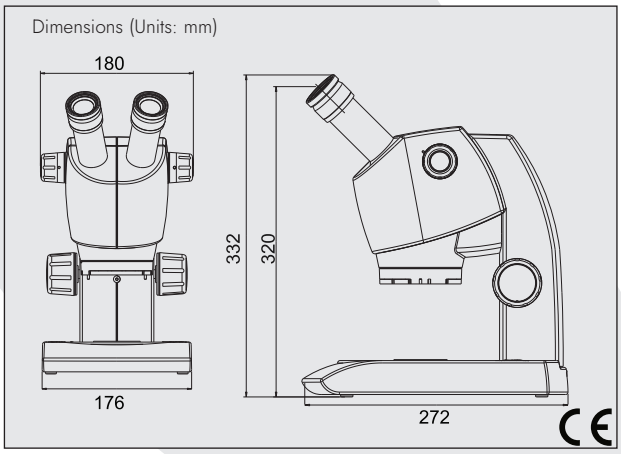
Luxeo Stereo Microscopy

Specifications

Specification	Luxeo 2S	Luxeo 4Z
Optical system	Greenough	Greenough
Magnification	1x/3x; 2x/4x	4.4:1 zoom
Eyepieces	WF 10x/18 mm	WF 10x/20 mm*
Diopter correction	±5 diopters	±5 diopters
Viewing angle	Binocular, 45°	Binocular, 45°
Working distance	100 mm	100 mm
Magnification range	10x/30x; 2x/4x	8x to 35x
Object field diameter	18 to 6; 9 to 4.5 mm	6.6 to 28.5 mm
Eyeguards	Retractable	Retractable
Illumination control	Incident, transmitted and combined illumination control buttons (all models)	
Incident light	±30° oblique illumination and variable intensity control dial (all models)	
Incident light method	Maximum intensity (10 LEDs), front angled incident light (5 LEDs), rear angled incident light (5 LEDs) (all models)	
Transmitted light	3 super bright LEDs, glow screen, low heat emission (all models)	
LED service life	Approx. 25,000 hours	Approx. 25,000 hours
Light quality	Homogeneous daylight (6500 K), free of UV and IR emissions (all models)	
Power supply	Universal 100–240 V, 50/60 Hz integrated power supply with voltage stabilizer (all models)	

* With diopter lock

Dimensions (Units: mm)



Configurations

Description	Configuration	Cat. No.
Luxeo 2S	Binocular, 1x/3x	4141000
Luxeo 2S	Binocular, 2x/4x	4142000
Luxeo 4Z	Binocular, 4.4:1	4144000

Labo America, Inc.
920 Auburn Ct.
Fremont, CA 94538, U.S.A.
Tel: (510) 445-1257
E-mail: sales@laboamerica.com

www.laboamerica.com

DQS Inc.
Labo America Inc.
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Distributor

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