

Leica CM 3050S Cryostat



Use comfortably while sitting.

Rating: Not Rated Yet

Price

Sales price \$18,500.00

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Manufacturer [Leica](#)

Description

The Leica CM3050 S cryostat is designed to help with processing multiple specimen and performing serial cuts, with uncompromised reproducibility. The low working height and available knee space of the Leica CM3050 S cryostat allow the user to work comfortably while sitting. Motorized drive and section counter improve productivity for multiple serial sections. Particularly when working with delicate specimens, e.g. brain samples, the precise specimen orientation and the specimen feed system provide for reproducible sections. With Brand New Compressor!!

Model #: CM 3050S-3-1-1

Technical Specifications

Width: 882 mm

Depth: 766 mm

Height: 1040 mm

Weight (incl. microtome): approx. 180 kg

Temperature setting range: 0°C to -40°C

Maximum specimen size: 40 x 55 mm

Cutting speed: 0.1 mm/s to 170 mm/s; 0.1 mm/s to 100 mm/s

Vmax: 210 mm/s

Section thickness setting: 0.5 to 300 µm

Maximum specimen size: 40 mm x 55 mm

Horizontal specimen feed: 25 mm

Vertical specimen stroke: 59 mm

Specimen retraction: 50 µm

Specimen precision orientation by 8° (x/y/z axis)

Trimming: 5 to 150 µm ± 0,5 µm in steps of 5, 10, 30, 50, 100 and 150 µm

Motorized coarse feed at two speeds: 500 µm/s and 1,000 µm/s

Cutting speed ranges: 0.1 mm/s to 170 mm/s, 0.1 mm/s to 100 mm/s, Vmax 210 mm/s

Temperature setting range: 0°C to -40°C

Defrosting: programmable 1 automatic defrost cycle/24 h duration; from 6 to 12 min; manual defrosting

Freezing shelf temperature: Approx. -43°C at an ambient temperature of 22°C

Temperature setting range: -10°C to -50°C (+/-3 K)

Dimensions (W x H x D): 882 x 1040 x 766 mm

Weight (including microtome): Approx. 180 kg

Power draw: 1800 VA

Comes with our 90-day warranty.

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