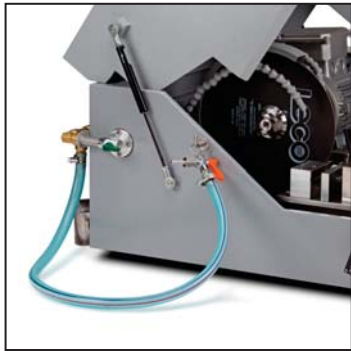


SX100M Sectioning Machine

Instrument Profile

Efficient benchtop model.

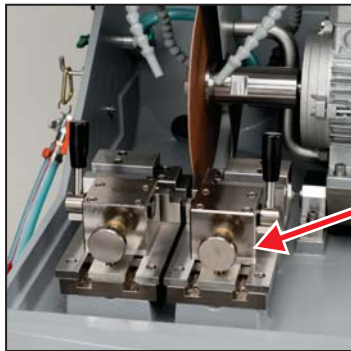


Radial arm for manual sectioning with user-friendly working height

LED light, 24V, 5.6 W

Supports 9 in (230 mm) and 10 in (250 mm) blades with 1.25 in (32 mm) arbor hole @ 3 hp (2.2 kW) with integrated electronic mechanical braking system

Hood safety lock



Optional cam lock vises

Sloped floor for efficient coolant flow and minimal debris build-up



Convenient easy-to-operate control panel

Catch basket filter

6.6 gallon (25 L) recirculating tank



Specifications

Appearance/Structure	Benchtop-Type; Base: Aluminum casting; Cover: Steel hood with viewing window
Safety Mechanism	When the hood is opened, main motor and coolant circulation stop instantly
Max Available Sample Size (cylindrical)	Using 10 in (255 mm) cutting wheel: 2.75 in (70 mm) maximum
Cutting Wheel	
Dimensions	Supports 9 in (230 mm) and 10 in (250 mm) blades with 1.25 in (32 mm) arbor hole
Flange	2.5 in (64 mm)
Rotary Speed	3420 rpm, 60 Hz; 2850 rpm, 50 Hz
Main Motor	3 hp 2.2 kW
Sample Stage, Fixed Type	8.875 in x 8.7 in (225 mm x 220 mm) X-direction: 6 slots each with 0.4 in (10 mm) width for fixing various vises and jigs
Cam Lock Visers	Optional; Part Numbers: 811-651-501, 811-651-502
Coolant Reservoir	
Structure	Steel chamber type with steel mesh filter
Recirculating Tank	6.6 gal (25L)
Circulation Pump Motor	186 W (1/4 hp)
Coolant Flow	7.9 gal/min (30L/min)
Coolant Nozzles	2
Inner Illumination	LED light (1 pc); 24V, 5.6W
Machine Dimensions	28.5 in W x 32.0 in D x 17.0 in H (724 mm x 813 mm x 432 mm) Hood Open: 31.5 in H (800 mm)
Machine Weight	265 lb (120 kg)
Recirculating Tank Dimensions	16.2 x W x 13.4 in D x 22.2 in. H (410 mm x 340 mm x 565 mm)
Recirculating Tank Weight	39.7 lb (18 kg)
Power Supply	208-230V, 60 Hz, 3 phase; 380-400V, 50 Hz, 3 phase
Standard Accessories	10 in (250 mm) Cutting Wheel, Wrenches (2), Rust Inhibitor
Rated Power	15 Amps @ 230V; 8 Amps @ 400V

Part Numbers

SX100MC	230V, 60 Hz, 3 Phase SX100 Sectioning Machine
SX100MCI	400V, 50 Hz, 3 Phase SX100 Sectioning Machine

Specifications and part numbers may change.
Consult LECO for latest information.

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