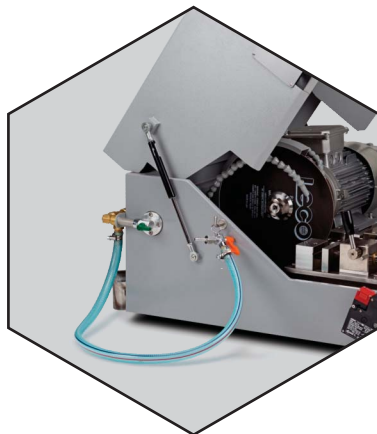


SX100M

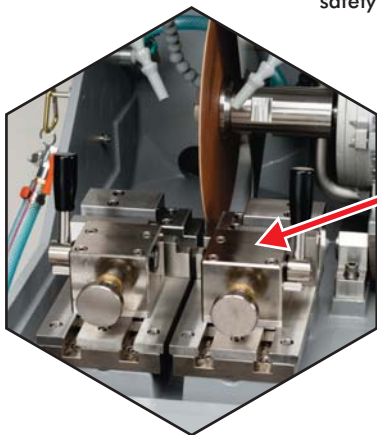
Sectioning Machine

Instrument Profile

Efficient benchtop model.



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

Catch basket filter

6.6 gallon (25 L) recirculating tank



Radial arm for manual sectioning with user-friendly working height

Removable side port

LED light, 24V, 5.6 W



Convenient easy-to-operate control panel



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Specifications

Appearance/Structure	Benchtop-Type; Base: Aluminum casting; Cover: Steel hood with polycarbonate viewing window
Safety Mechanism	Hood is locked while saw motor is running
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: 4 t-slots each with 0.4 in (10 mm) width for fixing various vises and jigs
Cam Lock Vises	Optional; Part Numbers: 811-651-501 (left and right), 811-651-502 (left), 811-651-508 (right)
Coolant Reservoir	
Structure	Steel chamber type with steel mesh filter
Recirculating Tank	6.6 gal (25L)
Circulation Pump Motor	1/4 hp (186 W)
Coolant Flow	7.9 gal/min (30L/min)
Coolant Nozzles	2
Inner Illumination	LED light; 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 in 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

SX-100MC	230V, 60 Hz, 3 Phase SX100 Sectioning Machine
SX-100MCI	400V, 50 Hz, 3 Phase SX100 Sectioning Machine

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

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