

SX100M

Sectioning Machine



■ Radial arm for manual sectioning with userfriendly working height

■ Removable side port

■ LED light, 24V, 5.6W

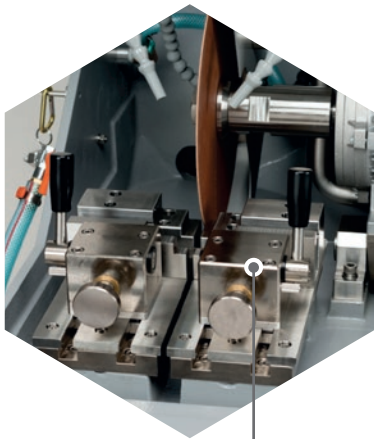
■ Supports 9 in (230mm) and 10 in (250mm) blades with 1.25 in (32mm) arbor hole @ 3 hp (2.2kW) with integrated electronic mechanical braking system



■ Hood-safety lock

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

■ Convenient easy-to-operate control panel



■ Optional cam lock vises

■ Catch basket filter

■ 6.6 gallon (25L) recirculating tank



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, 60Hz; 2850 rpm, 50Hz
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; 24 V, 5.6 W
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	208-230 V, 60Hz, 3 phase; 380-400 V, 50Hz, 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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