

SP1000 Polishing Machine

A LANscape® Solutions Product

Corning
Cable Systems

Applications

- High-volume connector terminations
- Consistent connector performance
- Precision optical fiber connector terminations

Description

Corning Cable Systems' SP1000 Automated Polisher is ideal for high-volume optical fiber connector termination and cable assembly house applications. The SP1000 allows the user to adjust platen force, speed and time to provide the best possible polish in a repeatable process. These settings are clearly displayed on the front panel digital gauges. The polisher utilizes standard 5-in polishing fixtures that polish SC, FC, ST® compatible, LC, FC APC, SC APC, MT-RJ, MTP®, MT and MU connectors. The benchtop unit is sturdily constructed and taps into standard AC power and shop air.

Features / Benefits

- Polishes SC, FC, ST Compatible, LC, FC APC, SC APC, MT-RJ, MTP, MT and MU connectors
- Platen force and speed controls
- 5-in disc format
- Four programmable polishing steps
- Individually controlled time, pressure and platen speed settings for all four steps
- Push-button programming
- Digital force readout; accurate to 1/100 lb
- Digital platen speed display; accurate to 1 RPM
- Four individual countdown timers with displays
- Prominent emergency stop button
- Corrosion-resistant coatings on all surfaces
- Includes air pressure accumulator/regulator to ensure constant air pressure and supply



SP1000 Polishing Machine | Photo LAN-305

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Specifications

Dimensions (H x W x D)	44 x 35.6 x 50.8 cm (17.2 x 14 x 20 in)
Shipping Weight	41 kg (90 lb)
Operating Temperature	7° to +40°C (45° to +104°F)
Storage Temperature	-40° to +60°C (-40° to +140°F)
Power Supply	110/220 VAC
Air Supply	552 Kpa (80 PSI)
Platen Speed Range	1-400 RPM
Programmable Polishing Steps	4
Down Force Pressure Range	0-40 N (0-9 lb)
Polishes these connector types:	SC, FC, ST® Compatible, LC, FC APC, SC APC, MT-RJ, MTP®, MT and MU Connectors

Ordering Information

Part Number	Description
SP1000	Automated Polisher; supplied with four 80 durometer rubber pads, power cord with built-in surge protector, airline tubing, air pressure accumulator, slurry trap on rotating arm and operating instructions

Accessories

SP1000-MTP-10-M	Polishing Fixture, MTP compatible, 10 port, multimode
SP1000-MTP-10-S	Polishing Fixture, MTP compatible, 10 port, single-mode
CPF-LC-12	Polishing Fixture, LC 12 port, multimode and single-mode
CPF-ALC-18S	Polishing Fixture, angled LC, 18 port
SP500-AFC-12	Polishing Fixture, angled FC, 12 port
SP500-ASC-12	Polishing Fixture, angled SC, 12 port
SP500-FC-12	Polishing Fixture, FC, 12 port
SP500-MTRJ-10	Polishing Fixture, MT-RJ, 10 port
SP500-SC-12	Polishing Fixture, SC, 12 port
SP500-ST-12	Polishing Fixture, ST compatible, 12 port

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