



PRODUCTS

- Fiber Rotary Joints
- Electrical Slip Rings
- Fiber Components
- Fiber Polishers

SERVICES

- Fiber Termination
- Outdoor Fiber Patchcords
- Laser Pigtailling
- Training

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FIBER POLISHER: FP180e



FP180e polisher
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Unlike the FP180 series hand polisher, Princetel's FP180e series fiber connector polisher relies on a build-in DC motor to power the turn table. The machine is ideal for small-scale production and laboratory applications. It is also a convenient tool for technicians who terminate fibers in the field.

The motor-driven turn table provides quiet and stable operation. However, when wall power is not available one can power the machine from a car cigarette lighter outlet or an external 6-12 V battery (not included). Adjustable force ensures consistent finish for a wide variety of connector types and the number of connectors in the fixture.

FEATURES

- 12-V DC motor powered off wall apdater or car cigarette lighter outlet
- Polish up to three connectors or ferrules simultaneously
- Quick release for convenient removal of polish fixture
- Adjustable force for consistent surface finish and different ferrule sizes
- Low center of gravity for high stability
- Small footprint for multiple-machine operation
- Universal fixture fits all connectors with the same ferrule diameter
- Precise setting of ferrule protrusion for uniform polish results and higher yield

SPECIFICATIONS

PARAMETERS	VALUES
Turntable speed	160 rpm
Time control	Manual
Planetary/spin speed ratio	1:50
Eccentric distance	5 mm
Force adjustment	0-1.2 kg
Fixture capacity	Up to 2 connectors/ferrules (3 optional)
Working temperature	-20 to 65 C
Storage temperature	-40 to 85 C
Motor speed	160 rpm
Motor torque	3 Nm
Wall power requirement	90-240 VAC, 50-60 Hz, 6 W
Motor power requirement	12 VDC, 400 mA
Adapter output connector	5.5-2.1 mm female plug
Housing material	ABS plastic
Weight (polisher)	~2.5 kg
Dimensions (lwxh)	110x80x200 mm



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