4/22/2021 Fiber hand polisher





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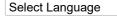
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FIBER POLISHER: FP180

Princetel's PF180 series hand-crank fiber connector polisher is an award winning field polishing machine. It does not require power or battery and therefore is ideal for oil and gas environments where spark is prohibited. The machine can also be a perfect solution in a lab. There won't the frustrating moment when power adapter is missing.

The machine can be transformed into an electrical polishing machine with a powered screwdriver (not included). The driver provides fun and more consistent speed. When power is not available and/or battery is depleted, the hand-crank feature comes in extremely handy. Adjustable force ensures consistent finish for a wide variety of connector types and the number of connectors in the fixture.



Prism Awards FOR PHOTONICS INNOVATION Winner of 2008 SPIE/Laurin Publishing Prism Awards

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FP180 polisher

FEATURES

Hand crank for power/battery-free operation Powered screwdriver for speed consistancy (not included) Polish up to two 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

Quick-change mechanism allows speedy removal of polishing fixture Universal fixture fits all connectors with the same ferrule diameter Built-in reference plate for precise setting of ferrule protrusion



Play animation (4 MB)

SPECIFICATIONS

PARAMETERS VALUES Turntable speed 100-180 rpm Time control Manual Planetary/spin speed ratio 1:50 Eccentric distance 5 mm Force adjustment 0-1.2 kg (0-11.5 N) Up to 2 connectors/ferrules Fixture capacity -20 to 65 C Working temperature Storage temperature -40 to 85 C 100-180 rpm Suitable driver speed Suitable driver torque 4.5 N-m (40 lb-in) Driver inport port 1/4" HEX Machined ABS Housing material Weight (polisher) -2.5 kg 110x80x200 mm Dimensions (lxwxh)

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