

GT-3000 Fibre Optic Polishing Machine

Application

Suitable for most types of optical fibre connectors and bare ferrules.
Compatible with ferrule diameters of 2.5mm & 1.25 mm for curved surface polishing & flat surface polishing.

Key Features

- Competitively Priced
- Touch screen inputs 24 memories of polish data and related processing information.
- Each memory includes: mesh and color of polish film, hardness of polish rubber, polish rotation and speed.
- There are engineer and spot operation modes, spot mode can not change settings.
- Purified water and polish fluids can be used to reduce ongoing consumable costs.
- Fixed torque motor, no torque change when varying platten speed, this will also reduce variations in the polish finish.
- Unique design for electrical, air and water, all are separated inside of cabinet to increase operator safety during operation.
- Modular unit for electrical control makes for easy maintenance.
- Anti-vibration pad is adjustable to specific height.
- Polish plates available to suit a wide variety of ferrules and connectors

Specifications - Curved Surface Polish

Radius Curvature	10 - 25mm
Apex Offset	< 50µm
Fibre Undercut	< 0.05µm

Specifications - Flat Surface Polish

Roughness	< 50nm
Angle Error	< 0.8°
Fibre Protrusion	> 1µm

Machine Specifications

General Dimensions	250W x 450D x 560H mm
Weight	30 Kg
Power	220 VAC / 100W
Air Consumption	4 kgf/cm ²
Polish Disc OD	112 mm
Polish Speed	30 - 300 rpm
Timer Setting	0 - 999.9 sec



Polishing plates available to suit:
Connectors with PC polish: FC, SC, ST, LC, MU
Connectors with APC Polish: FC, SC, LC
Ferrules with PC Polish: FC, SC, ST, LC, MU, MTRJ
Ferrules with APC Polish: FC, SC, E2000

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