

FIBER PROGRAM POLISHER

光纖連接器人機界面端面研磨機

MODEL NO. : **GT-3000**



Apply for all types of fiber connectors,
 ϕ 2.5/ ϕ 1.25 mm curved surface polishing
& flat surface polishing.

Curved surface polish

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|-----------------------|--------|
| Curvature Radius (mm) | 10--25 |
| Apex Offset (um) | <50 |
| Fiber Under Cut (um) | <0.05 |

Flat surface polish

| | |
|-----------------------|------|
| Roughness (nm) | <50 |
| Angle Error (Degree) | <0.2 |
| Fiber Protrusion (um) | >1 |

Main feature:

- ◆ Company logo and color of front panel are optional for custom-made.
- ◆ 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 setting and control correct processing.
- ◆ Purified water and polish fluid can be used to save cost for consumable material.
- ◆ Fixed torque of adjustable motor will not be changed by varied speed, it will also reduce polish variance.
- ◆ Unique design for electrical, air and water were separated inside of cabinet, to secure safety during operation.
- ◆ Module type of electrical control is easy for maintenance.
- ◆ Based on the polishing process, moving the weight to proper loading position.
- ◆ By means of horizontal scale, adjust anti-vibration pad to reach proper height, gradient concept results drainage.

Specification:

| | |
|------------------|-------------------------------|
| Machine size | 250W x 450L x 560H mm |
| Net weight | 30 KG |
| Power | AC 110/220V , 50/60 Hz , 100W |
| Consumption air | 4 kgf/cm ² |
| Polish disc O.D. | 112 mm |
| Polish speed | 30--300 RPM |
| Time setting | 999.9 Sec. (Max.) |