

Technical Specifications

Model: Fobos-100F Grinder/Polisher

Notice

Space	Table 0.6m x 1m x 0.8m(W, D, H) or more
Electric	Single phase, 220V, 2A
Coolant	User arrangement (Urethane hose (8mm or 10mm) connection)
Remark	- Space of movement

Fobos-100F, Grinder/Polisher

Fobos-100F is a high class polisher for microstructure observation and hardness measurement of all material such as metal, etc. MP-100F has improved by touch screen controller for user convenience, visibility, and manipulability. MP-100F has added new functions of software not found elsewhere such as self-test, motor auto calibration, schedule, etc.

Features

- **Graphical design and usability using 5.6" (640X480) Touch LCD**
- **Manual push switches (Power On/Off, Start, Stop, Water On/Off)**
- **Sleep mode (Power down, Logo display)**
- **Motor auto calibration – RPM optimization**
- **Self-test function – Motor and solenoid valve status check**
- **Schedule function – Experiment time, RPM, Water & Dosing usage time, Schedule name input for step-by-step serial operation**
- **Disc redirection set-up**
- **Water and dosing usage/cancel release**

- **Water and dosing On/Off time set-up (Unit: 0.1sec)**
- **Experiment time set-up (Unit: 0.1sec)**
- **Cumulative usage time display**
- **Set-point save and load (Maximum 5 storage space)**

1. Specification

- Size: 560mmW x 630mmD x 320mmH
- Electric: Single phase, 220V, 2A
- Motor: 400W BLDC motor
- Spin speed set-up
- Graphical display of spin speed
- Spin redirection
- Water supply On/Off time set-up
- Polishing time set-up
- Schedule set-up
- Dosing On/Off time set-up
- Switches: Power, Start, Stop, Water(On/Off)
- Coolant: Solenoid and needle valve
- Disc setting: Excellent flatness using 3-point supporting method
- Case: ABS resin plastic, Matt heat treatment painting
- Disc spin speed: 50 ~ 500 RPM (Unit step: 10RPM)
- Controller: 5.6" Digital touch screen
- Disc size: 12" (Basic: 305mm, Option: 200mm, 250mm), Hardened anodizing Al plate
- Combination with slurry supplier (Option)

2. Service and Remark

- 1 year warranty
- Operation manual (1copy)
- Outlet hose 2M
- Inlet hose 5M
- Splash-proof ring
- Disc cover
- Paper locking ring
- Installation and education at the shipping place

