

# Technical Specifications

## Model: Fobos-100E Grinder/Polisher

### Notice

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

### Fobos-100E, Grinder/Polisher

Fobos-100E is a polisher for microstructure observation and hardness measurement of all material such as metal, etc. Fobos-100E has applied analogue type control method and has mounted on hardened anodizing aluminum disc (Basic 8": 200mm). 10" and 12" discs are option part.

#### Features

- Push switches (Power On/Off, Start, Stop, Water On/Off)
- Disc spin redirection switch
- Manual/Automatic coolant supply selection

#### 1. Specification

- Size: 560mmW x 630mmD x 320mmH
- Electric: Single phase, 220V, 2A
- Motor: 200W BLDC motor
- Disc size: 8" (Basic 200mm, Option 305mm & 250mm), Hardened anodizing Al plate
- Disc setting: Excellent flatness using 3-point supporting method
- Case: ABS resin plastic, Matt heat treatment painting
- Disc spin speed: 50 ~ 500 RPM
- Controller: Knob type
- Power On/Off

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- Spin speed set-up
  - Spin direction set-up
  - Water On/Off
  - Coolant: Solenoid and needle valve
  - Accessories: Splash-proof ring, Protection cover, Inlet/Outlet line, Paper locking ring



## 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

## Option Part

### 1. 10 inch disc

- Disc material : AL6061
- Disc holder material : Al6061
- Disc size : 10 inch

### 2. 12 inch disc

- Disc material : AL6061
- Disc holder material : Al6061
- Disc size : 12 inch