

# Technical Specifications

## Model: Fobos-362S Individual Loading Auto Head

### Notice

<b>Space</b>	N/A (Polisher space)
<b>Electric</b>	N/A (Polisher internal electric)
<b>Air</b>	Air pressure 3bar or more (Urethane hose (8mm or 10mm) connection)
<b>Remark</b>	N/A

### **Fobos-362S Individual Loading Automatic Polishing Head**

Fobos-362S is a polishing head for specimens' surface polishing and can be used in combination with a manual polisher. Fobos-362S consists of individual load applying system using air pressure cylinder. Specimens can be mounted from 30mm to 50mm according to the kind of holder. All set-point has installed in polisher control panel such as spin speed, load, and set-point save & load, etc.

#### Features

- Specimen size: 25~50mm / Amount: 4~6EA
- Individual load applying system using air cylinder and ratio control valve
- Spin redirection (CW/CCW)
- Combination with slurry supplier
- Step-by-step polishing time and speed set-up
- Easy auto-head up & down movement and convenience specimen mounting
- Strong polishing and high quality flatness using diamond disc
- Slow start function to protect specimen and polisher
- Programmable function such as spin time, load, spin speed, and direction, etc.
- 5 programmable memory storage (Only 3 programmable memory storage for 40mm and 50mm)



## 1. Specification

- Operation: 80W BLDC motor & drive
- Proportional valve & Regulator
- Main shaft moving cylinder
- Holder size: 25~ 38mm (User Selection)
- 40 ~ 50mm (Option)
- Specimen amount: 1 ~ 6EA (Changeable)
- Load: Maximum 5kgf using air pressure cylinder
- Spin speed: 10 ~ 200 RPM(10RPM step)
- Polishing time set-up: 0 ~ 9,999sec  
(Unit step: 1sec)

## 2. Service and Remark

- 1 year warranty
- Operation manual (1 copy)
- Installation and education at the shipping place

## 3. Package contents:

- Fobos-362S - 1 set
- Fobos-300 40~50φ option - 1 set
- 25~38φ holder - 1 set
- 40~50φ holder - 1 set