

Technical Specifications

Model: Etos-200 Auto Hot Mounting Press

Notice

Space	Table 0.7m x 0.7m x 1m (W, D, H)
Electric	Single phase, 220V, 20A
Coolant	Water supply and drainage facilities essential
Remark	- Space of movement

Etos-200, Auto Hot Mounting Press

Etos-200 is two specimens molding machine at the same time for tiny and unwieldy specimens to make a fixed size for easy handling. Etos-200 can be mold various material such metal, plastic, ceramic, etc. Etos-200 consists of a hydraulic device, 5.6" touch screen, and soft touch button for easy command input mode and progress checking. And also, this has all-in-one device (heaters and cylinders) for efficiency.

Features

- Rapid molding using all-in-one type heater & cylinder
- Noise prevention and high molding ability using accumulator
- **Two specimens molding at the same time**
- High usability using 5.6" TFT Touch LCD screen
- Fast control using touch button
- Falling damage prevention using mold cap cradle
- Improved convenience using specimen storage
- Emergency measures using emergency stop button
- Limit set-up for temperature and pressure

1. Specification

- Size: 560mmW X 560Dmm X 530mmH
- Electric: 220V, 60Hz, Single phase, 20A
- Pressure method: Automatic hydraulic method
- Pressure: Maximum 3,000psi
- Automatic hydraulic cylinder control (On/Off)
- Mold type: Cylindrical type
- Mold size: 25~50mm diameter (User selection)
- Thermocouple: K type
- Upper cap storage
- Hot mounting resin storage space
- Molded specimen storage
- Two specimens molding at the same time
- Automatic pressure removal after molding completion
- Touch button: START, STOP, RAM UP/DOWN
- Maximum heating temperature: Maximum 250°C
- Cooling method: Water cooling by solenoid valve
- Control panel: 5.6" Touch screen type
- Molding condition set-up and checking (Cooling, Pre-heating, Load, Maintenance)
- Molding progress status
- Languages (Korean, English, Chinese)
- Cylinder manual Up/Down
- Manual coolant and cooling fan On/Off
- Pressure and temperature limit
- Saving memory: 30 channels
- Emergency stop: All stop



2. Service and Remark

- 1 year warranty
- Operation manual (1copy)
- Basic consumables (2kg acrylic resin, Spoon, Funnel)
- Installation and education at the shipping place

3. Package contents:

- Etos-200
- 40φ mold
- 50φ mold
- Individual specimen cradle

Option Part

1. Mold size 40mm option

- Mold size 40mm
- Mold cap, Ram 40mm
- Open/Close direction stickers
- 40mm mold cap cover



2. Mold size 50mm option

- Mold size 50mm
- Mold cap, Ram 50mm
- Open/Close direction stickers
- 50mm mold cap cover



3. Individual specimen cradle

- Material: AL6061
- Number of specimen storage: 10 spaces each (40~50mm is 8 spaces each)