



Modern Metallurgical

& Scientific Services

SINCE 2005 | AN ISO 9001 : 2015

MODERN AUTOMATIC PNEUMATIC MOUNTING PRESS (INDIVIDUAL OPERATION)

Our mounting machines are engineered to provide secure and uniform encapsulation of metal samples. Designed for precision and consistency, they create stable surfaces that facilitate accurate grinding, polishing, and metallographic analysis, preserving specimen integrity throughout preparation.

HMI CONTROL



“Advanced LCD touch screen for easy operation and precise parameter control. Real-time display of temperature, pressure, and cycle time for consistent results. User-friendly interface ensures improved efficiency with minimal operator effort”



TECHNICAL SPECIFICATION :

- Corrosion Resistant Mild Steel Cabinet With Built in Twin Pneumatic
- Cylinder System .
- Pneumatic Operation System
- Compressed air required 4 Bar Pressure
- 1500 Watts Mould Heater
- Quick ram return to speed up reloading
- Dovetail slot for easy changeability of Mould assemblies
- Display : User friendly advanced HMI LCD Touch Screen System
- Digital temperature indicator and digital timer with LCD display
- Setting Of Variable Cooling Time, Heating Time, Mould Temperature, Ram Up and Down, Cycle Start Can be Done and Controlled Through the Touch Screen Pad .
- Mounting in Both Cylinder can be done in twin operation via LCD Touch Screen.
- Automatic Water Cooling System
- In this Machine - 30 mm dia Mould . But we can use 40, 50mm also.
- Quick heater for speedy operation
- Pressure gauge, FRL
- Timer and buzzer for After Cooling cycles
- Power Supply : 230 C/50 Hz
- Machine Size: 550X600X580

OPTIONAL ACCESSORIES :

- Mould Assembly Set 40mm.
- Mould Assembly Set 50mm.
- Mounting Machine Table with (Storage Cabinet) – 1 No.
- Mould Release Spray 400 ML
- Bake Lite powder





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Office & Factory :

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Industrial park, vellanur Post, Thirumullaivoyal,
Chennai-600062.**



Branch Office :

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