



FTM-EVO

AUTOMATIC MOUNTING PRESS



MOUNTING PRESS PRECIMOUNT SERIES

Slide mould cap system is adopted. Sample can be installed and removed easily and safely.

- CPU Control Full-Automatic Hydraulic System
- Space-saving desk type, lightweight compact body.
- The running time is greatly shortened by quick heating and quick cooling.
- Fully-automatic one cycle (pressurizing, heating and cooling) operation.
- PreciMount series has the Adjustable Cooling Function which helps to make perfect condition of moulding sample with Thermoplastic resin (Lucite) and Thermosetting resin (Bakelite).



FTM-SL

FTM-EVO

ITEM		SPECIFICATIONS	
MODEL		FTM-SL	FTM-EVO
Design / Structure		Bench Top Type / Solid Aluminum Frame+Hard-Coated FRP Cover	
Machine Top Mould Cap		Back & Forth Slide & Flip Motion Type Mould Fasten Cap: Convenient Interchangeable Mould Cap and Easy Cleaning.	
Bore and Mould Size of Cylinder		Standard: $\phi 50\text{mm}$ Base Cylinder + $\Phi \phi 32\text{mm}$ Additional Cylinder OPTION: $\Phi \phi 25, 30, 40\text{mm}, 11/2''(38.1\text{mm})$	
Pressure Method		Adjustable Setting between 1200 ~ 4500psi (82 ~ 310bar) by 10 or 100psi. During Heating, Automatic Pressure Compensation to Set Value shall activate if Pressure drops lower than 20% of Preset Value. In case Heating Temperature became over 110 °C(230 °F), Pressure shall be controlled in $\pm 5\%$ of Preset Pressure.	Adjustable Setting between 1200 ~ 4500psi (82 ~ 310bar) by 10 or 100psi. During Heating, Automatic Pressure Compensation to Set Value shall activate if Pressure drops lower than 20% of Preset Value. In case Heating Temperature became over 110 °C(230 °F), Pressure shall be controlled in $\pm 5\%$ of Preset Pressure. *A plurality of pieces of registration control information can be set.
Heating Time		0 ~ 99min. (set by 1min.)	0 ~ 59min. (set by 30sec.)
Heating Temperature Setting (Selectable C and F)		50 ~ 200°C (set by 1°C) / 122 ~ 392 °F (set by 5 °F)	0 ~ 200°C (set by 1°C) / 32 ~ 392 °F (set by 1 °F)
Heater Capacity		AC100 ~ 240V : 1800W / AC115V (300W x 6pcs)	
Cooling Time		Cool-down Time according to Preset Cylinder Temperature (35 ~ 80°C / 95 ~ 176 °F).	
Cooling System	External Water Supply	Min. Pressure of Water Supply: 2L / min. Through 2 Hoses connected to Taps on Rear of Machine	
	Separate Type Coolant Tank(OPTION)	Rust-Prevention Type Coolant Tank with Radiator: Tank Capacity: 30L / Pressure of Water Supply: 4L / min.	Rust-Prevention Type Coolant Tank with Radiator: Tank Capacity: 30L / Pressure of Water Supply: 4L / min. (OPTION)
Sample Number in One Time Operation		$\phi 50\text{mm}$: 1pc / $\phi 25, 30, 32, 38.1, 40\text{mm}$: Max 1pcs	$\phi 50\text{mm}$: 1pc / $\phi 25, 30, 32, 38.1, 40\text{mm}$: Max 2pcs
Control Panel		LED Heating Temperature (Usual Display: Preset Temperature / Real-Time Temperature by Hidden Key) / Pressure (Usual Display: Max. Preset Pressure / Real-Time Pressure by Hidden Key) / Timer for Holding of Max. Heating Temperature / Coolant Supply: Manual-Automatic SW / RAM Elevating SW / Sample Making Cycle: Run-Stop SW / Completion of Making Sample Display / Main Power: ON-OFF / Other Hidden Keys: Min. Cooling Temperature and Bore Size of Current Cylinder	Color LCD Touch Panel Operation and Display Heating Temperature (Usual Display: Preset Temperature / Real-Time Temperature by Hidden Key) / Pressure (Usual Display: Max. Preset Pressure / Real-Time Pressure by Hidden Key) / Timer for Holding of Max. Heating Temperature / Coolant Supply: Manual-Automatic SW / RAM Elevating SW / Sample Making Cycle: Run-Stop SW / Completion of Making Sample Display / Main Power: ON-OFF / Other Hidden Keys: Min. Cooling Temperature and Bore Size of Current Cylinder *A plurality of pieces of registration control information can be set.
Machine Dimensions		W410 x D600 x H500mm	W475 x D620 x H635mm
Coolant Tank Dimensions		W500 x D400 x H410mm	W500 x D400 x H410mm
Weight of Machine / Cooling Device		Machine: 94kg / Cooling Device: 30kg	Machine: 83kg / Cooling Device: 30kg
Power Supply		1P AC100 ~ 120V or AC200 ~ 240V / 50, 60Hz: Changeable	
Standard Accessories		Sample Spacer for $\phi 32\text{mm}$ Cylinder: 1pc / Mould Removing Oil: 1btl / Phenol Resin: 1btl (500g) / Spoon: 1pc / Funnel: 1pc / Tweezer: 1pc / Coolant Supply Hose: 2m x 2pcs / Accessory Box: 1pc	



FUTURE-TECH CORP.

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