

# FTM-32AX / FTM-40AX

Basic model & high quality automatic sample mounting press.

- Various kinds of mounting method can be selected.
- Multi settings of mounting can be reserved and called.
- Space-saving desk type, light-weight compact body.
- Silent operation is realized.
- Long cylinder & utilizing space have achieved the simultaneous double mounting of sample.



FTM-32AX

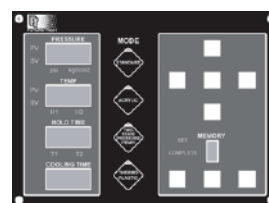
MODEL	FTM-32AX	FTM-40AX
ITEM	SPECIFICATIONS	
Design/Structure	Bench Top Type / Solid Aluminium Frame + Hard-Coated FRP cover	
Machine Top Ram Mould Type	Rotary Down & Press Method	
Sample Number in One Time Operation	Maximum 2pcs./time	
Bore & Mould Size of Cylinder	φ 32mm	φ 40mm
Cylinder Stroke	82mm	
Pressure Method	CPU Control Hydraulic System Available Pressure Setting ~4000psi (305kgf/ cm <sup>2</sup> )	
Heating Time	0sec. ~ 99min.30sec.	
Heating Temperature Setting (C and F is selective)	0 ~ 200°C	
Temperature Maintenance Function	30°C ~ 55°C	
Function to Control Safe Temperature	Yes (Finishing Temperature 40°C ~ 60°C )	
Heater Capacity	1800W	
Cooling Method	Cool-down according to Preset Cylinder Temperature	
Cooling System	External Water Supply: Supply/Exhaust Hoses connected Rear of Machine: Supply Water Nozzle Outer Dia. φ 9.53mm/Exhaust Water Nozzle Outer Dia. φ 15.9mm	
Control Panel	Water Proof Type LED Light (IP55)	
Mounting Mode	One push selection is available for Mounting Resin to Use.	
Reserve Setting of Mounting	Reserve and Call are available for Setting of Multiple Mounting.	
Alarm Buzzer	Alarm Buzzer is Installed (Operate after all procees completed).	
Machine Dimensions	W463×D650×H610mm	
Machine Weight	82 kg	83 kg
Power Supply	1P AC200 ~ 240V/50Hz,60Hz	
Power Consumption	2200W	
Standard Accessories	Mold Removing Oil : 1btl/Phenor resin (800g): 1btl/Spoon: 1pc./Funnel: 1pc./ Tweezer: 1pc./Water Supply Hose 2000mm, Exhaust Hose 2000mm: 1pc. each(with Hose Holder) / Power Cable 2500mm:1pc./Intermediate Spacer:1pc./Accessory Box 1pc.	



Rear of Machine



Image of Sample



Control panel

# FTM-EVO

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

- Fully automatic one cycle (pressurizing, heating and cooling).
- Space-saving desk type, light-weight compact body.
- Large size LCD touch panel and simple icon have greatly improved the operation.
- Adjustable to set perfect conditions for moulding all kinds of resin.
- Long cylinder & utilizing space have achieved the simultaneous double mounting of sample.



FTM-EVO

MODEL	FTM-EVO	
ITEM	SPECIFICATIONS	
Design/Structure	Bench Top Type/Solid Aluminium Frame + Hard Coated FRP cover	
Machine Top Mould Cap	Back & Forth Slide & Flip Motion Type Mould Fasten Cap.	
Sample Number in One Time Operation	Maximum 2pcs./time	
Bore & Mould Size of Cylinder	Standard: $\phi$ 50mm Base Cylinder + $\phi$ 32mm Cylinder Option: $\phi$ 25mm, $\phi$ 38.1mm, $\phi$ 40mm, Others	
Cylinder Stroke	80mm	
Pressure Method	Full Electronic Automatic Hydraulic System Adjustable Setting between 0~14500psi(0~1000bar)/10psi. During Heating, Automatic Pressure Compensation to Set Value shall activate, if Pressure drops lower than 20% of set Value. In case Heating Temperature become over 110°C, Pressure shall be controlled in $\pm$ 5% of Preset Pressure. Other Setting of Delicate Control is also available.	
Heating Time	0~59min. (set by 30sec.)	
Heating Temperature Setting (Centigrade/Fahrenheit Selective)	0 ~ 200°C (Setting available by 1°C)	
Heater Capacity	1800W	
Cooling Method	Cool-down according to Preset Temperature (35°C ~ 80°C) by Circulating Cooling Water.	
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)	: Tank Capacity 30L : Pressure of Water Supply 4L/min.
Control Panel	4.3" (size) TFT LCD 480 X 272 (resolution) Color/ Touch Panel Pressure Setting, Pressure Time, Pressure Temperature, Cooling Temperature	
Machine Dimensions	W475×D620×H635mm	
Machine Weight	83 kg	
Power Supply	1P AC200 ~ 240V / 50Hz,60Hz	
Power Consumption	2000W	
Standard Accessories	Mould Removing Oil : 1btl. Phenor Resin (500g. black): 1btl. /Spoon: 1pc./ Fennel: 1pc./ Tweezer: 1pc./Water Supply Hose 2000mm. Exhaust Hose 2000mm.: 1 pc. Each (with Hose Holder)/ Power Cable 2000mm: 1pc./ Intermediate Spacer: 1pc./ Accessory Box: 1pc.	



Rear of Machine



Control panel