

DACE[®] **TECHNOLOGIES** *www.metallographic.com*

TERAPRESS TP-7500 **Mounting Press**

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TERAPRESS TP-7500 **Compression Mounting** **Press**

- Automatic
- Programmable
- Electro-Hydraulic press
- 1000/2000 Watt heaters
- Water cooling
 - Temperature
 - Time
 - Manual
- Interchangeable molds (1.25-inch up to 2-inch)
- Easy to use
- High resolution display
- Multiple Languages
- Highly reproducible
- Flexible
- Ideal for all materials
- Robust and durable design
- Economical

The TERAPRESS TP-7500 programmable electro-hydraulic automated mounting press (Part No. TP-7500) has a solid, easy to use, robust design. With electro-hydraulic force and heating up to 200°C, molding is very efficient.

•Features

- Max. programmable temperature 200°C
- Easy hydraulic force control
- 1.25-inch to 2-inch interchangeable molds
- Multiple cooling modes (to temperature, specified time, or manually)
- Rapid ram movement for faster throughput



Machinery directive 2006/42/EC
Low Voltage Directive 2006/95/EC
Electromagnetic Compatibility directive 2004/108/EC

Technical Specifications:

Feature	Specification
Mount Size	1.25 to 2-inch (32-50 mm)
Mold Cylinders	Interchangeable Single
Force	Electro-hydraulic
Cooling	Water
Cooling Modes	Time, Temperature, Manual
Dimensions (W x D x H)	16 x 19 x 20-inch (410 x 483 x 508mm)
Electrical Specifications	110 / 220V 50/60 Hz
Heater Specification	1000 Watt (110V / 15 amp) 2000 Watt (110V / 20 amp) 2000 Watt (220V/ 10 amp)
Weight	108 lbs (49 kg)
Part Number	TP-7500
Recirculating Tank (16 gallons) with Pump (optional accessory)	TP-TANK

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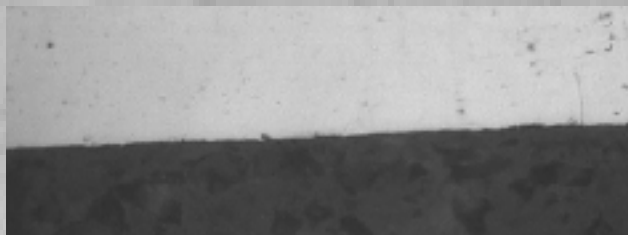
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Interchangeable
Mold Assemblies

Mold Assemblies

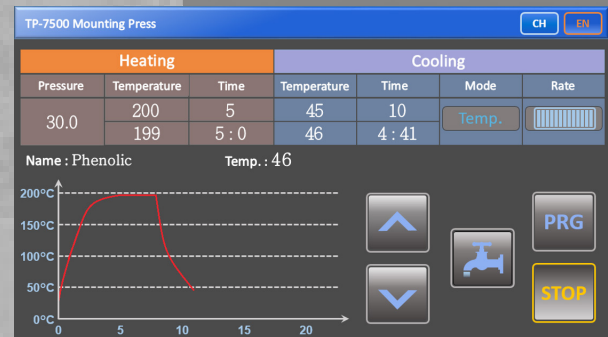
Description	Flat Ram	Chamfered Ram
1.25-inch mold	TP75-0125	TP75C-0125
1.25-inch spacer for double mounts	TPS75-0125	TPS75C-0125
1.5-inch mold	TP75-0150	TP75C-0150
1.5-inch spacer for double mounts	TPS75-0150	TPS75C-0150
2-inch mold	TP75-0200	TP75C-0200
2-inch spacer for double mounts	TPS75-0200	TPS75C-0200



Glass-filled epoxy for edge retention

No.	Name	Heat Temp	Pressure	Hold Time	Cool Temp	Cool Time	Cool Mode	Cool Rate	Load
1	Phenolic	200	30.0	5	45	10	Temp.		<input checked="" type="checkbox"/>
2	Phenolic	200	14.4	10	32	10	Time		<input type="checkbox"/>
3	Phenolic	200	15.1	10	32	10	Time		<input type="checkbox"/>
4	Phenolic	200	15.8	10	32	10	Time		<input type="checkbox"/>
5	EPOCOMP	200	17.2	10	32	10	Time		<input type="checkbox"/>
6	EPOCOMP	200	17.9	10	32	10	Time		<input type="checkbox"/>
7	EPOCOMP	200	18.6	10	32	10	Time		<input type="checkbox"/>
8	EPOCOMP	200	19.3	10	32	10	Time		<input type="checkbox"/>
9	ACRYLIC	200	17.2	10	32	10	Time		<input type="checkbox"/>
10	ACRYLIC	200	17.9	10	32	10	Time		<input type="checkbox"/>

Temp. unit: °C Pressure unit: MPa



Description	Phenolics	Epoxy (Glass-filled)	Diallyl Phthalates
Type	Thermoset	Thermoset	Thermoset
Cost	Low	Moderate	Moderate
Ease of use	Excellent	Good	Good
Availability of colors	Yes	No	No
Cycle times	Excellent	Good	Good
Edge retention	Fair	Excellent	Excellent
Clarity	None	None	None
Hardness	Low	High	High