

PACE[®] **TECHNOLOGIES**

www.metallographic.com

TERAPRESS TP-7200 **Mounting Press**

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TERAPRESS TP-7200 **Compression Mounting** **Press**

- Automatic
- Programmable
- Electro-Hydraulic press
- 1000/2000 Watt heaters
- Water cooling
 - Temperature
 - Time
 - Manual
- Non-Interchangeable molds (1-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-7200 programmable electro-hydraulic automated mounting press (Part No. TP-7200) 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-inch to 2-inch fixed mold sizes to increase heating efficiency and reduce molding time
- 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 to 2-inch (25-50 mm)
Mold Cylinders	Non-interchangeable Single
Force	Electro-hydraulic
Cooling	Water
Cooling Modes	Time, Temperature, Manual
Dimensions (W x D x H)	14 x 19 x 20-inch (350 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	64 lbs (29 kg)
Part Number	TP-7200
Recirculating Tank (16 gallons) with Pump (optional accessory)	TP-TANK

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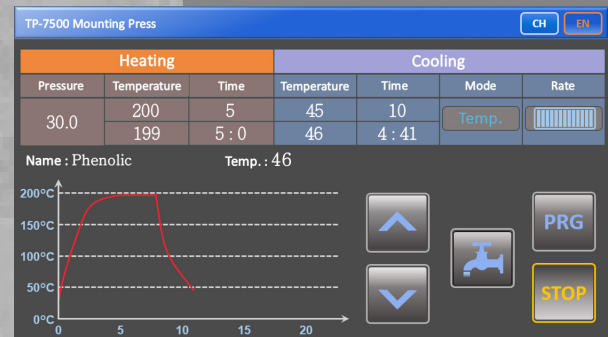
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Mold/Heater Assemblies

Description	Flat Ram	Chamfered Ram
1-inch mold/heater	TP-7200-0100	TP-7200-0100C
1-inch spacer for double mounts	TPS-0100	TPS-0100C
1.25-inch mold/heater	TP-7200-0125	TP-7200-0125C
1.25-inch spacer for double mounts	TPS-0125	TPS-0125C
1.5-inch mold/heater	TP-7200-0150	TP-7200-0150C
1.5-inch spacer for double mounts	TPS-0150	TPS-0150C
2-inch mold/heater	TP-7200-0200	TP-7200-0200C
2-inch spacer for double mounts	TPS-0200	TPS-0200C

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