

# **PACE TECHNOLOGIES**

## **TERAPRESS TP-7001 Mounting Press**

### **TERAPRESS TP-7001 Compression Mounting Press**

- Automatic
- Pneumatic press
- Water cooling
  - Temperature
  - Time
  - Manual
- Interchangeable molds (1-inch up to 2-inch)
- Programmable microprocessor control
- Easy to use
- LED speed display
- Highly reproducible
- Flexible
- Ideal for all materials
- User friendly
- Robust and durable design
- Low cost
- Easy to service

The TERAPRESS TP-7001 compression mounting press has a solid, easy to use, robust design. With an 180 degree heating element intimately connected to the mold, heating is very efficient.

### **•Features**

- Max. programmable temperature 300 Celcius
- Easy pneumatic force control
- 1-inch to 2-inch interchangeable molds
- Multiple cooling modes (to temperature, specified time, or manually)
- Rapid ram movement for faster through-put



**1-inch  
1.25-inch  
1.5-inch  
2-inch  
interchangeable  
molds**

### **Applications:**

- Phenolics
- Epoxy Glass filled
- Diallyl Phthalates
- Conducitve Molds
- Ceramics
- Metals



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

## Technical Specifications:

| Feature                 | Specification                                      |
|-------------------------|----------------------------------------------------|
| MAX Temperature         | 300 C (575 F)                                      |
| MAX Mounting Time (min) | 159                                                |
| Cooling Options         | To set temperature<br>For specified time<br>Manual |
| Mount Diameters         | 1-inch, 1.25-inch,<br>1.5-inch, 2-inch             |
| Power Supply            | 110 / 220V                                         |
| Weight                  | 25 kg (55 lbs)                                     |

## PACE TECHNOLOGIES

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## Mold Assemblies

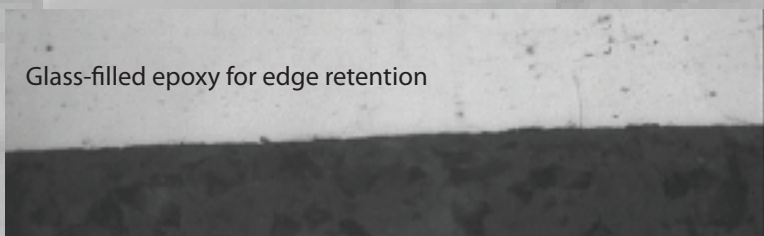
| Description    | Part Number  | Intermediate spacer |
|----------------|--------------|---------------------|
| 1-inch mold    | TP-7000-0100 | TPS-0100            |
| 1.25-inch mold | TP-7000-0125 | TPS-0125            |
| 1.5-inch mold  | TP-7000-0150 | TPS-0150            |
| 2-inch mold    | TP-7000-0200 | TPS-0200            |



## Compression Mounting Resin Chacteristics

| 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               |

Glass-filled epoxy for edge retention



Interchangeable Mold Assemblies

