



# TP-7100S

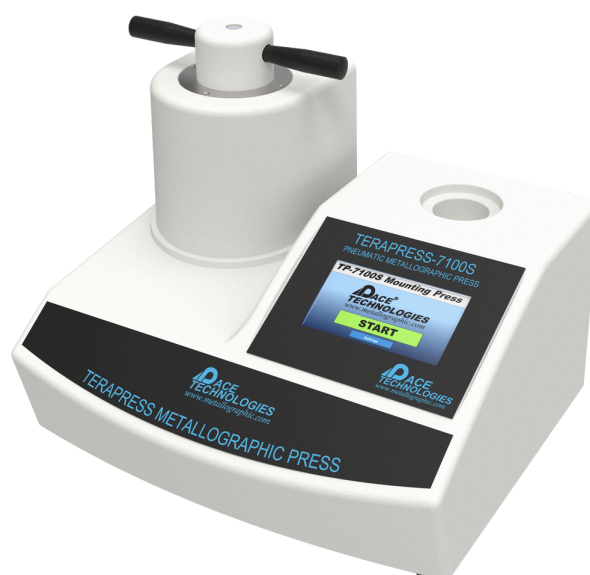
## PNEUMATIC MOUNTING PRESS

## PNEUMATIC AUTOMATED MOUNTING

Customizable Settings | Flexible Options | Faster Throughput

SPECIFICATION	TP-7100S
Mount Sizes	1, 1.25, 1.5, and 2-inch 25, 30, 40, and 50 mm)
Mold Cylinders	Single; Interchangeable or Fixed
Force	Pneumatic (max. 1450 psi)
Cooling	Type: Water Modes: Time, Temperature
Electrical Specifications	110 / 220V (50/60 Hz)
Heater Specifications	1000 Watts (110V 15 amp) 2000 Watts (110V 20 amp)
Dimensions (W x D x H)	21 x 19 x 19-inch (530 x 485 x 485 mm)
Weight	69 lbs (32 kg)

**2 year warranty**  
Limited warranty



Elevate your sample preparation with the TERAPRESS TP-7100S Compression Mounting Press - a pinnacle of automation, programmability, and versatility. This pneumatic mounting press delivers optimal results through its innovative features, robust build, and user-friendly design, making it an ideal choice for a diverse range of materials. The TP-7100S's design is centered around user convenience, featuring a high-resolution display and easy pneumatic force control that streamlines operations. Its mold options provide flexibility, accommodating interchangeable molds ranging from 1-inch to 2-inch for versatile sample sizes, or fixed mold sizes for rapid heating and cooling cycles. This adaptability caters to the unique needs of diverse materials. With an unwavering focus on reliability, the TP-7100S ensures reproducible results, fostering consistency across various sample mounting tasks.

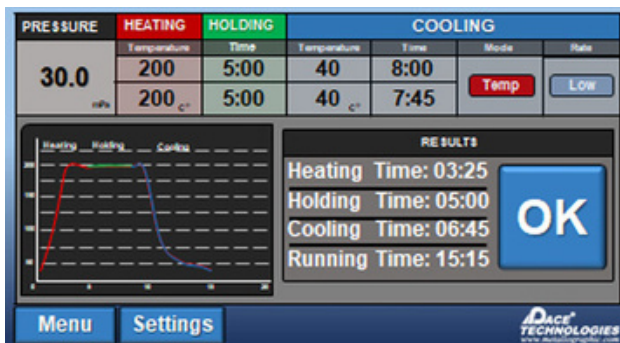
Trust in the TP-7100S to elevate your sample mounting to new heights of quality and reliability!



Machinery directive 2006/42/EC  
RoHS Directive 2011/65/EU



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Catalog no. TP75-0125H



Catalog no. TP75-0125

## Interchangeable Mold Assemblies

Description	Flat Ram	Chamfered Ram
1-inch mold	TP75-0100	TP75-0100C
1.25-inch mold	TP75-0125	TP75-0125C
1.50-inch mold	TP75-0150	TP75-0150C
2-inch mold	TP75-0200	TP75-0200C
25 mm mold	TP75-25	TP75-25C
30 mm mold	TP75-30	TP75-30C
40 mm mold	TP75-40	TP75-40

## Fixed Mold Assemblies

Description	Flat Ram	Chamfered Ram
1-inch mold	TP75-0100H	TP75-0100HC
1.25-inch mold	TP75-0125H	TP75-0125HC
1.50-inch mold	TP75-0150H	TP75-0150HC
2-inch mold	TP75-0200H	TP75-0200HC
25 mm mold	TP75-25H	TP75-25HC
30 mm mold	TP75-30H	TP75-30HC
40 mm mold	TP75-40H	TP75-40H

### Fixed Block Molds:

1. The heater/cooler is manufactured to match the size of the mold (does not require a mold sleeve)
2. Reduces cooling times for producing faster mounts
3. Available in 1, 1.25, 1.5 and 2-inch as well as 25, 30, 40 and 50 mm sizes

### Interchangeable Molds:

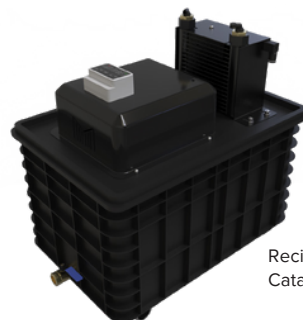
1. Allows for easy changing of mold size. Simply replace mold, sleeve and rams
2. Available in 1, 1.25 and 1.5-inch as well as 25, 30 and 40 mm molds



We also offer mounting consumables including phenolics, acrylics, epoxies, and diallyl phthalate

## TERAPRESS Mold Spacer for Double Mounts

Description	Flat Ram	Chamfered Ram
1-inch spacer	TPS-0100	TPS-0100C
1.25-inch spacer	TPS-0125	TPS-0125C
1.50-inch spacer	TPS-0150	TPS-0150C
2-inch spacer	TPS-0200	TPS-0200C



Recirculating / Cooling Tank  
Catalog no. TP-TANK