



MANUAL THERMAL MOUNTING PRESS TORONMOUNT™ 22/30/45 SERIES

Manual Thermal Mounting Press ToronMount™ 22/30/45 Series is a manual thermal mounting machine designed for thermoset pressing of small, irregularly shaped metallographic specimens that are difficult to handle. Once formed, these samples can be easily prepared for grinding and polishing, facilitating detailed examination under a metallographic microscope.

APPLICATIONS

The ToronMount™ 22/30/45 Series is a manual hot mounting press designed to provide a simple and cost-effective solution for encapsulating material specimens. Its primary application is to embed small, irregularly shaped, or delicate samples into a robust, standardized polymer mount. This process is a fundamental first step that makes specimens easy to handle, protects their edges, and prepares them for subsequent grinding and polishing, ensuring a high-quality final analysis.

This essential encapsulation process is a foundational tool for quality and research in:

- **Educational & Training Labs:** As a robust and straightforward tool for teaching students the fundamental principles of metallographic sample preparation in a hands-on, cost-effective manner.
- **Low-Volume Quality Control:** For job shops, heat treaters, and small manufacturing facilities that require the ability to mount samples for process verification without the need for high-throughput, automated equipment.
- **Welding Qualification:** To provide a simple, reliable method for mounting weld coupons for the routine examination of weld penetration, fusion, and heat-affected zone (HAZ) characteristics.
- **R&D & Prototyping:** In research labs and prototyping shops for the one-off preparation of experimental materials or test components, offering a quick and easy way to create high-quality mounts for microstructural investigation.

FEATURES

- **Simple Operation:** One-click functionality streamlines the inlaying process for enhanced efficiency.

- **Durable Construction:** Made from high-temperature-resistant composite materials, the shell is designed to never rust, ensuring longevity and reliability.

TECHNICAL SPECIFICATIONS

Model	ToronMount™ 22	ToronMount™ 30	ToronMount™ 45
Die diameter	22mm	30mm	45mm
Heater power	≤ 800W AC 220V 50Hz		
Temperature range	60-200 °C		
Power supply	Single phase, 220V, 50Hz (110V is also available)		
Net weight	35Kg		
Size	260×360×450mm		



Torontech Inc.

251 Consumers Road, Suite 1200
Toronto, Ontario, M2J 4R3, Canada 

Phone: +1 416 368 2721 | Fax: +1 416 981 7652
Email: info@torontech.com

Torontech, LLC

601 Brickell Key Drive, Suite 700
Miami, FL 33131, USA 

Toll-Free: 1-866-383-7919
Email: sales@torontech.com

Torontech ME FZE

Meydan Grandstand, 6th Floor,
Meydan Road, Nad Al Sheba,
Dubai-261440, UAE 

Phone: +971 488 19252
Email: me@torontech.com

