



Thermal Press

The Original Thermal Press®

See more info now at:
www.thermalpress.com
OR
Call Us: **877-642-7100**

How the Thermal Press team will improve your business:

- 1) Thermal Press engineering, sales & support staff is your complete production partner.
- 2) We coordinate, support and optimize your part design and assembly processes.
- 3) Tap into over 30 years' experience in manufacturing assembly systems & solutions.
- 4) Utilizing the latest in CAD, CAM and FEA technologies.

Services Available:

- ▶ Process Development
- ▶ Design Engineering
- ▶ Process Optimization
- ▶ Calibration Services
- ▶ Medical Validation/Qualifications (IQ/PQ)

The Original Thermal Press®

Thermal Press International, Inc. (TPI) manufactures a broad product line of precision machines and automation systems for heat staking, heat sealing, medical film/port welding, Adhesive Patches for wearable medical and technology devices, thermal insertion and many more thermal assembly applications.

TPI originated the Thermal Press machines more than 30 years ago!

TPI delivers a full complement of services to support our clients; R&D, process development, product design engineering, process optimization, initial qualifications and validation services.

Let our team help you move from the drawing board to high-volume production line processes smoothly and efficiently.



Join an elite team today!
Call Us: 877-642-7100

www.thermalpress.com

Your Plastic Assembly Experts - Engineering Solutions since 1976!

Thermal Press International, Inc.

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▶ APPLICATIONS:

- Medical Industry:
 - Filter, Foil and Film Welding/Sealing
 - Medical Port, Fitment and Fluidic Bag Wedling/Sealing
 - Adhesive Patch Welding/Sealing for Wearable Technology Devices
 - Septum and Medical Dispensing Device Assembly
 - Heat Sealing of MircoFluidic Trays and Test Strip Devices
 - Heat Staking of Components and PCBs in Medical Devices
 - Heat Sealing of Display and Lenses into Medical Devices
 - Thermal Insertion of Threaded Inserts into Medical Devices
 - High Speed Heat Sealing/Welding with Roll Feed Systems
- Automotive:
 - Complex Heat Staking of LED Tail Lamp and Lense Assembly
 - Assembly of Instrumentation Clusters and Infotainment Modules
 - Heat Staking of Fuse Blocks and Power Distribution Controls
 - Heat Staking of Wiring Harness and Interconnect Components
 - Heat Staking/Sealing of Plastic Trim and Interior Components
 - Heat Staking of Components and PCBs into Plastic Housings
 - Heat Sealing and Hot Bar Sodler Reflow for Display Modules
- Industrial, Appliance and Consumer Products:
 - Heat Staking of LED Dipslays and Lighting Assemblies
 - Heat Staking/Sealing of Alternative Fuel Cell and PowerModules
 - Heat Staking of Appliance and Device Control Modules
 - Heat Staking of Consumer Products and Internal Components
 - Heat Sealing/Welding of Water Purification Filters/Panels
 - Heat Seal Connectors for LCD and Touchpanel Control Assemblies
 - Thermal Insertion of Threaded Inserts into Plastic Housings



***Note:** Thermal Press machines and systems are configured and delivered with application specific engineered "custom" tooling packages. Thermal Press provides design reviews of the equipment and tooling packages, prior to the manufacturing of the equipment.

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