



MICROTEC Grade-C 1.5 oz Tumbler Mug Heater

Key Features & Benefits

- **Grade-C Heating Element**
Standard NiCr60 open-coil setup, effective for small formats. Performs reliably at temperatures up to 220 °C—though with fewer coils compared to Grade-A versions.
- **One-Shot Injection Molded Silicone**
Molded as a single, solid piece for strength, flexibility, and resistance to bubbling or delamination even at high heat.
- **Purpose-Built Compact Size**
Sized specifically for 1.5 oz drinkware—great for sample cups, testing, and low-volume small-format runs.
- **Global Dual-Voltage Compatibility**
Accepts both 110/120 V and 220 V AC, allowing easy worldwide application without converters.
- **Broad Heat-Press Compatibility**
Designed to fit Microtec press models MPA-200, MPA-500, MP-160, MP-10, MP-99, MP-140—no adapters needed.
- **Efficient Warm-Up**
Compact and low thermal mass ensures quick heat-up and stable temperature for small

workflows.

- **Durable & Elastic Silicone**

Remains resilient during repeated heating cycles and flexes for full contact on curved mini tumblers.

Technical Specifications

The Grade-C heater for 1.5 oz tumblers uses a NiCr60 wire-wound coil—standard Grade-C material—embedded into a one-shot injection molded silicone pad that heats up to 220 °C. It supports universal voltage (110–220 V) and easily integrates with Microtec’s compatible press models. Its compact form factor leads to quick, precise heating, maintaining performance over many cycles.

Ideal Use Cases

- **Sample Preparation & Testing** – Precisely heat small beverage items for R&D or QA workflows.
 - **Boutique & Specialty Drinkware** – Tailor mini tumblers, shot glasses, or event giveaways with accurate heat press control.
 - **Pilot Production Runs** – Test new designs or materials at manufacturing scale without committing to full-size components.
 - **Global Operations** – Dual-voltage support suits international equipment without rewiring or converters.
-

Machine Warranty

Microtec's Commitment to Customer Support

At Microtec, our primary goal is to ensure that our customers can carry out heat transfer activities seamlessly. To support this, we offer **FREE SPARE PARTS** with qualifying orders, alongside the following comprehensive guarantees:

- **Lifetime Technical Support** for all heat press machines.
- **Two-Year Warranty** on the machine.
- **Five-Year Warranty** on fusions and welds.

- **Five-Year Warranty** on the heating plate.
- **Six-Month Warranty** on heaters for cups, plates, and caps.

We are dedicated to providing long-term reliability and peace of mind for your heat transfer operations.