Fast Heat's Diagnostic Tools Are Designed Especially for Your Preventative Maintenance Programs

About Fast Heat, Inc.

Founded in 1957, Fast Heat Inc. innovates technology that drives performance for the Plastics Industry. Fast Heat designs and manufactures hot-runner temperature controllers, diagnostic tools, custom cables, and other devices that help manufacturers produce high-quality parts, reduce waste, and ncrease overall plant productivity.

Need help fast?
Call us today at 630.359.6300

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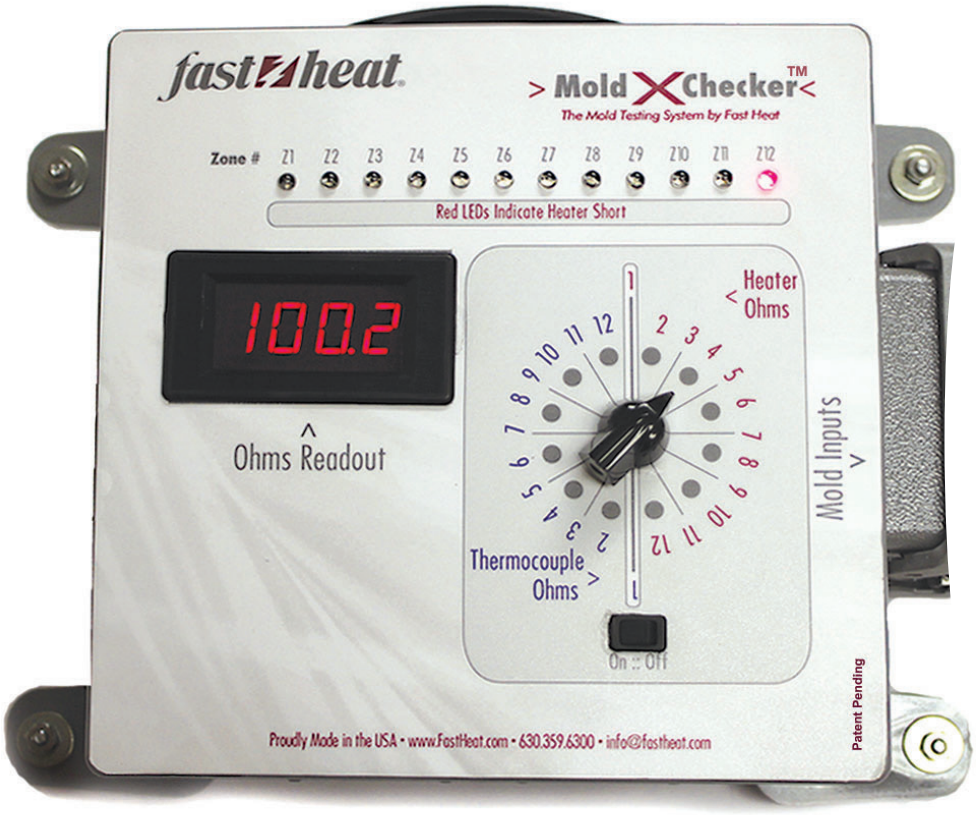
Fast Heat's MoldXChecker™
The Hot Runner Mold Testing System

Operator's Manual



Patent Pending

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Thank you for choosing Fast Heat's MoldXChecker™!

The **MoldXChecker**, Fast Heat's Mold Testing System, is a quick and reliable way to detect opens, shorts and overall heater health in your hot half.

Each **MoldXChecker**, custom-wired to your company's exact specifications, tests:

- Ohms resistance in heater and thermocouples
- Open circuits heater and thermocouples
- Heater resistance
- Direct short to ground caused by pinched wires in the mold or hot half.

Heater and thermocouple connectors are color coded for ease of use—red for heater cable, blue for thermocouple cable.

Let's Put Your MoldXChecker™ to Work!

- First, select a "reliable" heater cable and thermocouple cable and insert into the "Mold Input" connectors as indicated on the **MoldXChecker**'s faceplate (red connector = heater; blue = thermocouple, *see photos*).
- Next, power-up the **MoldXChecker** using the toggle switch, located on the faceplate, into the "on" position.
- Then, beginning at the red #1, turn the rotating dial clockwise through all the red-numbered zones represented. These zones correlate with the heater values shown in the "Ohms Readout" window.
- Finally, do the same for your thermocouples, indicated by blue numbers. Starting at blue #1, continue turning the rotating dial through all the blue-numbered zones and view the correlating thermocouple values shown in the "Ohms Readout" window.

Diagnosis:

- You will need to know what the correct Ohm reading for each heater and thermocouple should be.
- If there is an open or short in any of the heater or thermocouple zones, the meter will show the error in the "Ohms Readout" window.
- If any of the red LEDs on the faceplace light-up, there is a short present in that correlating zone. Look for pinched wires in your mold or hot half to correct the issue.

Made In The USA!