

The MoldXChecker™

The Hot Runner Mold Testing System



The MoldXChecker™ Hot Runner Mold Testing System Keeps Your Hot Half Healthy
Early diagnosis is the best insurance against downtime.

The MoldXChecker™ Mold Testing System prevents line-down situations and major damage by quickly determining overall mold health. In an instant, you can “cross check” for:

- Ohms resistance in heater and thermocouples.
- Open circuits in heater and thermocouples.
- Heater resistance.
- Direct short to ground caused by pinched wires and other causes.



ITEM NUMBER

MOLDCHECKER

Check Molds on Press or During Bench Testing

- The MoldXChecker™ tests resistances in heaters and thermocouples and demonstrates that all are within proper range.
- Manifolds and thermocouples can be tested quickly, efficiently and conveniently—either machine-side or during bench testing.
- Downtime is reduced by quickly identifying malfunctioning manifolds and thermocouples.
- Portability makes troubleshooting manifolds on press or in tooling room easy.



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The MoldXChecker™ Can Save You An Average of \$1,000 Per Zone Per Line-Down

Do the Math!

Machine Downtime: Averages \$1,500 per hour @ 8 hours = \$12,000 per day

Hot Half Costs/System Clean-Up:

Averages \$500 parts + labor to take it apart + labor to put back together = \$2,500, depending on the machine.

Bad Part Costs: Your bottom line and reputation.

Safety Concerns: Shorts can cause injury, at the time of the short or as repairs are being made.

The MoldXChecker can help ensure that errors in the mold are found before power is applied.

What else can you do with the MoldXChecker?

- The MoldXChecker can be custom built to your wiring standards. Call DME for a quote.
- Simplify Your Repairs: Testing your molds before putting them back into service saves time and costs.
- Get Mobile: Powered by two 9v batteries and outfitted with a travel handle, the highly portable MoldXChecker can be anywhere you need it to be.

Testing Molds with the MoldXChecker Is Easy:

- First, select a "reliable" cable and insert into the "Mold Input" connector as indicated on the MoldXChecker's faceplate.
- Power-up the MoldXChecker using the toggle switch, located on the faceplate, into the "on" position.
- 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.
- 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.

Mold/Hot Half Problems Identified:

- Opens: Shows thermocouple or heater opens, indicates damage to the mold or a misplaced wire.
- Shorts: Electrical shorts are destructive to your controller and hot half, causing critical failures.
- Heater Health: Test the Ohms in the drops, manifolds, and sprues to ensure heaters and thermocouples are properly operating.

MoldXChecker Specifications:

- The standard size of the MoldXChecker is 8" L x 8" W x 4" D.
- The standard weight of the MoldXChecker is 7 lbs.
- Each MoldXChecker is powered by two (2) standard 9v batteries (included).
- One (1) year warranty on parts and labor.
- Standard wiring for DME 12-zone cables. Call for more information regarding customized MoldXChecker configurations.

The MoldXChecker™ is manufactured for DME by Fast Heat, Inc. MoldXChecker™ is a trademark of Fast Heat, Inc.