FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY

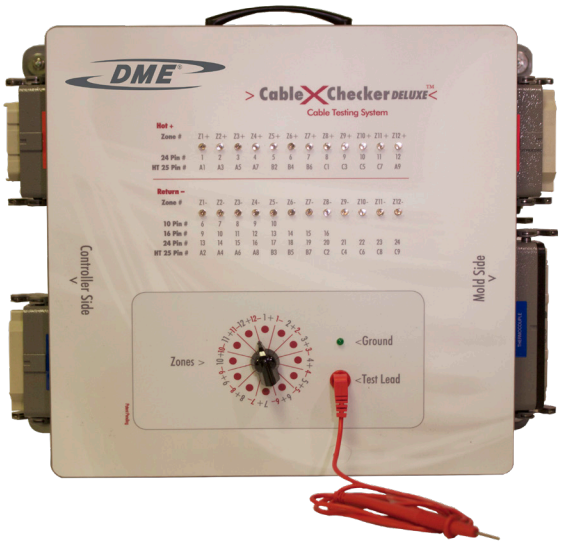
The CableXChecker™

THE HOT RUNNER CABLE TESTING SYSTEM
ENSURES PROPER CONNECTIVITY

The CableXChecker saves labor costs and production downtime by quickly diagnosing problem cables

The CableXChecker can quickly and easily detect unforeseen connectivity problems in your hot runner heater and thermocouple cables before they cause production problems. In an instant, you can "cross check" your heater and thermocouple cables for:

- Continuity
- Miswired zones
- Shorts



ITEM NUMBER	DESCRIPTION
CABLECHECK12	12-ZONE DME MOLD POWER AND TC CABLE CHECKER
CABLECHECK5812	5, 8 & 12-ZONE DME MOLD POWER AND TC CABLE CHECKER

Ensures Proper Cable Diagnostics

Each CableXChecker is built to match DME's 5, 8, & 12 zone cables used in your molding operation. In an instant, you can test your cables for continuity, miswired zones, and shorts. You can also:

- **Save Time:** A single standard 24-pin cable can be tested in less than a minute
- **Get Customized:** The CableXChecker can be specifically built to your wiring and connector standards—and configured to test both heater and thermocouple cables. Call DME for a quote.
- **Simplify Your Repair Process:** Pushed-in pins and problem zones are quickly identified with the easy-to-use test lead
- **Get Mobile:** Powered by a 9V battery and outfitted with a travel handle, the highly portable CableXChecker can be anywhere you need it to be.

US- 800-626-6653 / DME@DME.net
Canada- 800-387-6600 / DME_canada@DME.net

DME®

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ENSURES PROPER CONNECTIVITY

Preventative Maintenance: Check Hot Runner Cables Before Placing in Production

- The CableXChecker tests hot runner cables for correct connectivity verification. A single 24-zone cable can be assessed in less than a minute.
- Convenient "Test Lead" allows for use during cable assembly or repair.
- Downtime is reduced by quickly identifying miswired or non-operational cables before they affect production.
- Portability makes troubleshooting cables on press or in tooling room easy.

Traditional Cable Testing Methods Are Tedious and Time-Consuming:

- **Labor Intensive:** A standard 24-pin cable requires a 576 point-to-point test to diagnose a problem and a 576 point-to-point retest after a repair.
- **Potential Operator Error:** Test lead needs to be placed with surgical precision. Connector pin numbers are small and hard to read.

Testing Cables with the CableXChecker Is Easy:

- Identify a cable to be tested. Attach the controller side of the cable to the CableXChecker connector located on the left side of the unit.
- Attach the mold side of the cable to the right side of the CableXChecker.
- Cycle the rotating dial through each zone, keeping an eye on the corresponding LED panel. An LED will light-up in its correlating zone to indicate proper wiring. If a zone's LED fails to light, or shows multiple lights, there is an issue with the cable.

What Else Does the CableXChecker Do?

- **Makes Cable Building and Repair a Breeze:** The CableXChecker allows for quick and easy bench testing during cable assembly or repair. Using the convenient Test Lead, quickly find pushed-in pins or terminate cable ends without worrying about wiring. Using the probe on the reverse side of the wire, you will see an LED light-up to indicate which wire corresponds to which pin. After assembly, the cable can quickly be tested again to ensure all is correctly wired prior to putting back into production.
- **Trims Down Labor Costs**: A standard 24-pin cable requires a 576 point-to-point test to diagnose a problem—and a 576 point-to-point retest after a repair. Test lead needs to be placed on each pin with surgical precision. Connector pin numbers are small and hard to read. All these issues are eliminated using the CableXChecker.

CableXChecker Specifications:

The standard size of the CableXChecker is 8"L x 8" W x 4" D.

- Each standard CableXChecker weighs 7 lbs.
- Each CableXChecker is powered by one (1) standard 9V battery (included).
- One (1) year warranty on parts and labor.
- Standard wiring for DME 5-, 8- and 12-zone cables available. Call for more information regarding customized CableXChecker configurations.

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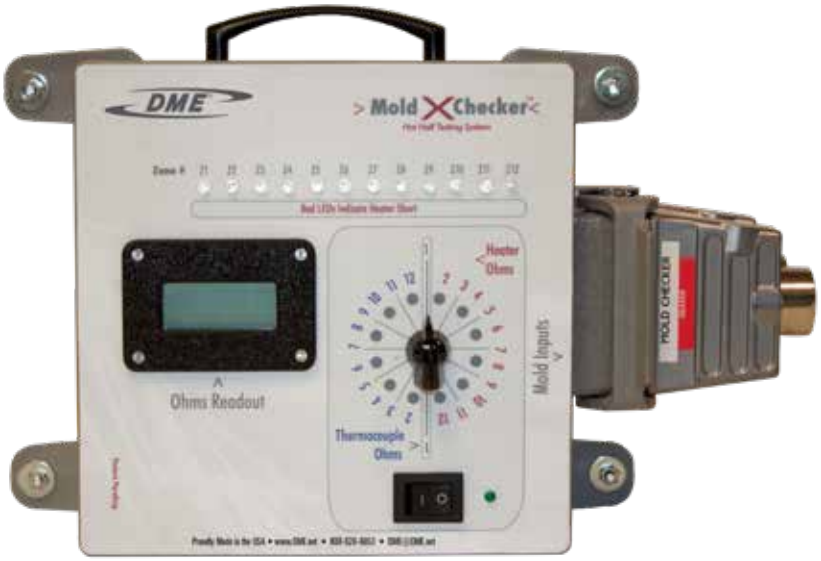
The MoldXChecker™

THE HOT RUNNER MOLD TESTING SYSTEM

The MoldXChecker 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 CableXChecker™

THE HOT RUNNER CABLE TESTING SYSTEM

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.

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