

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

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. Then retest your connections during the repair process
- **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.



ITEM NUMBER	DESCRIPTION
CABLECHECK5	5-ZONE DME MOLD POWER AND TC CABLE CHECKER
CABLECHECK8	8-ZONE DME MOLD POWER AND TC CABLE CHECKER
CABLECHECK12	12-ZONE DME MOLD POWER AND TC CABLE CHECKER

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.



The CableXChecker™

The Hot Runner Cable Testing System



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.

Cable Problems Identified:

- Incorrect cable wiring
- Short circuits
- Continuity

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.

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

