



March 24, 2003

For Inrobotics Contact:  
Mr. Brian Butler  
1 (505) 345-7785

## **INTROBOTICS ANNOUNCES NEW BOARD TESTING CAPABILITY FOR MERIX CORPORATION**

*Albuquerque, NM*– Inrobotics Corporation today announced a new capability to test 100% of bare printed wiring boards for controlled impedance for Merix Corporation. This new test capability is provided by a robotic controlled impedance tester that meets all the IPC standards requirements and has the speed to perform 100% controlled impedance testing on printed wiring boards. “This capability gives Merix a real edge in delivering high performance boards that meet or surpass our customers controlled impedance specs” said Brad Huggins, Merix Impedance Test Engineer.

The Inrobotics equipment boosts controlled impedance testing productivity and accuracy by a factor of ten compared to the handheld probing techniques. Also, the equipment is tied in directly to the Merix CAM/CAD network making test results rapidly available to Merix engineers and its customers.

Mr. Brian Butler, President of Inrobotics said, “We are delighted to have Merix as our customer. Our Robotic Controlled Impedance tester, the CI1000, meets all of the International Printed Circuit standards and delivers superior speed, reliability, accuracy at a low operating cost. The tester not only delivers controlled impedance measurements, but also records propagation delay and dielectric constant on each network. Single end and differential probes are available in a wide variety of pitches.

The CI1000 Robotic Controlled Impedance Tester combines an industrial robot, proprietary probe technology and sophisticated software to be the fastest, most accurate and most cost effective Tester on the market. Controlled Impedance testing is especially important for high-frequency printed wiring boards. Conventional bed of nails or flying

MORE

probe testers don't test at operating frequencies and may test boards as OK, that will fail in operation. Handheld probing is subject to operator error and often produces inaccurate test data. The CI1000 Tester actually tests the boards at a frequency that simulates the board's actual operating frequency. Controlled Impedance testing is vital to the proper operation of the new families of mixed signal, high-performance and compact equipment.

### **Background Information**

Introbotics specializes in manufacturing controlled impedance printed wiring board testers. The testers marry the latest technologies in robotics, controlled impedance testing and software controlled systems. Introbotics also offers a controlled impedance testing service and can accommodate 30,000 boards per month. Introbotics is located at 4208 Balloon Park Road, NE, Albuquerque, NM 87109. Inquiries are invited by calling Brian Butler at 1 505 345 7785, fax to 1 505 345 7790, or email [info@introbotics.com](mailto:info@introbotics.com). Also visit us at <http://www.introbotics.com>.

oooOOOooo