

CONTACT RELEASE

Tom Forsythe, Director
Tel: +1-615-585-3195
Email: tforsythe@magnalytix.com

FOR IMMEDIATE

New SIR Testing System from Magnalytix Wins 2023 NPI Award

NASHVILLE – January 2023 – Magnalytix, providing real-time reliability solutions for electronics manufacturing, received a 2023 CIRCUITS ASSEMBLY NPI Award in the category of Functional Test for its MAGNALYTIX® OE-300 Surface Insulation Resistance (SIR) Testing System. The award was announced during a ceremony that took place Monday, Jan. 23, 2023 in San Diego.

“MAGNALYTIX is proud to be recognized for the innovative approach we are providing to the industry,” said Dr. Mike Bixenman, MAGNALYTIX CTO. “Reliability demands on assemblers continue to increase and the MAGNALYTIX OE-300 Device can document that your production line is maintaining the reliability levels required by your OEM customers.”

Assembly operations invest substantial time and talent in developing and documenting their Qualified Manufacturing Plan in compliance with IPC-J-STD-001H by employing high humidity and temperature while biased testing. The Magnalytix OE-300 with Process Control builds on that QMP development by employing the same, approved, objective evidence testing techniques adapted to meet production area operation’s safety, tempo and economic considerations with results in as little as two hours.

The Magnalytix OE-300 is the first of its kind test system that enables assembly operations to quickly generate true objective evidence data during daily operations for effective process control. The electrical test method exposes the test board to elevated temperature and humidity, which mobilize undesirable process residues.

The Magnalytix OE-300 then detects the impact any mobilized metal ions have in the form of measurable leakage currents or fully formed dendrites, which can be the cause of intermittent or total device failure. That is the science inside the Magnalytix OE-300, but all you need is the native analytics to prove that your process is in control.

Introduced in 2008, the NPI Awards program is an annual celebration of product excellence in electronics surface mount assembly. Premier products based on the finest examples of creative advancement in technology are chosen by a distinguished panel of industry experts.

To learn more about Magnalytix’s real-time reliability solutions, visit www.magnalytix.com.



About Magnalytix

Magnalytix is at the forefront of an ongoing revolution in cleanliness reliability testing delivering the capability for real time, Objective Evidence data to manufacturing operations in addition to best in class testing materials and services. For more information, visit www.magnalytix.com.