

Teradyne Debuts New TestStation Systems for Lean Manufacturing Requirements at NEPCON China 2015

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SHANGHAI--(BUSINESS WIRE)-- [Teradyne](#), Inc. (NYSE:TER), a leading supplier of printed-circuit board (PCB) production test solutions, is featuring its [TestStation family](#) of PCB manufacturing test and automation solutions at [NEPCON China 2015](#).

Products featured at NEPCON China will include:

- The TestStation Multi-Site in-circuit test system, which has demonstrated the ability to deliver 2 to 4 times the productivity of conventional single site systems;
- The TestStation Inline Automated Handler for high-speed, no-touch PCBA test processing;
- The UltraPin II 128HD channel card featuring 512 hybrid pins per card for high-complexity and high-density applications;
- The TestStation LH in-circuit test system with support for up to 4,096 test points.

TestStation Multi-Site Systems for Higher Productivity PCBA Testing

TestStation Multi-Site in-circuit test systems feature multiple test head support and concurrent test architecture to deliver 2 to 4 times productivity compared to conventional MDA/ICT systems, in a fraction of the equivalent footprint. The systems are easily configured for fully-automated, robotic arm or operator end-use.

The TestStation Multi-Site dual-site model supports two concurrently operating test heads in a system footprint under 0.7 square meters, 40% smaller than a single conventional in-circuit test system, yet delivering up to 4 times the unit output per hour. By replacing the capacity of multiple full-size testers with a single system, Multi-Site reduces the operating cost of test from duplicate operators, fixtures, maintenance and factory overhead.

TestStation Automation Solutions for Lean Manufacturing Requirements

The TestStation Automated Inline Handler and TestStation Multi-Site Offline systems allow manufacturers to easily move to automated no-touch manufacturing test. The TestStation Automated Inline Handler supports PCBA panels of up to 450mm x 350mm, with up to 5,120 test points. The system has demonstrated the ability to deliver mechanical board transport times of less than six seconds. With dual-site support in a 850mm wide footprint, the TestStation Handler is designed to replace 2 to 4 times as many automatic or manual MDA/ICT systems, yet consumes less than a square meter of production floor space and a fraction of the equivalent electricity.

UltraPin II 128HD™ Increases TestStation System Pin Count to Industry-Leading 15,360 Pins

The UltraPin II 128HD high-density channel card effectively doubles system test point counts. TestStation systems configured with 128HD can be configured to 15,360 test points, while preserving support for existing fixtures and programs.

The new systems will be demonstrated at Booth B-1H28 during [NEPCON China 2015](#) held at Shanghai World EXPO Exhibition & Convention Center April 21-23, 2015. NEPCON China is one of the longest standing Asia venues serving the electronics manufacturing industry.

Teradyne's [TestStation](#) family offers the industry's broadest range of in-circuit and functional test solutions for PCBA production test. The TestStation Multi-Site architecture extends the TestStation performance to deliver concurrent analog and digital in-circuit, with functional test, boundary scan, flash programming and parametric test options.

For more information on TestStation Multi-Site configurations specifically for lean manufacturing, visit <http://info.teradyne.com/teststation-multi-site-in-circuit-test>.

About Teradyne

[Teradyne](#) (NYSE:TER) is a leading supplier of Automatic Test Equipment used to test semiconductors, wireless products, data storage and complex electronic systems which serve consumer, communications, industrial and government customers. In 2014, Teradyne had revenue of \$1.65 billion and currently employs approximately 3,900 people worldwide. For more information, visit www.teradyne.com. Teradyne (R) is a registered trademark of Teradyne, Inc. in the U.S. and other countries.



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