

New Teradyne Systems Deliver Lower Recurring Costs, Smaller Footprint and Greater System Productivity

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NORTH READING, Mass.--(BUSINESS WIRE)-- [Teradyne, Inc. \(NYSE:TER\)](#), a leading supplier of PCB production test solutions, is featuring its TestStation family of printed-circuit board (PCB) systems and automation manufacturing solutions at the [IPC APEX EXPO 2015](#).

Products featured at the IPC APEX EXPO will include:

- The TestStation Multi-Site in-circuit test systems, which has demonstrated the ability to deliver 2 to 4 times the productivity of conventional systems;
- The TestStation Automated Inline Handler for true no-touch; high-speed inline test;
- The UltraPin II 128HD channel card for doubling TestStation systems test point capacity;
- TestStation LH in-circuit test systems for PCBAs with up to 4,096 test points.

TestStation Multi-Site Systems

Teradyne's TestStation Multi-Site's true parallel test architecture has demonstrated the ability to deliver 2 to 4 times the productivity of conventional MDA/ICT systems. Multi-Site systems are configured as automated inline, automated offline or manual offline use. TestStation inline systems feature a 'Zero-Footprint' design that mates to automated handlers with no incremental floor space consumption. A single Multi-Site offline system can replace the capacity of multiple independent full-size testers, with reduced cost of operators, fixtures, maintenance and factory overhead.

TestStation Automated Inline Handler

The TestStation Automated Handling offers true no-touch, high-speed inline test of PCBA panels of up to 5,120 test points. The Handling sub-system can deliver mechanical board transport cycle-times in less than six seconds. With full dual-site parallel test capability and a 850mm wide footprint, the TestStation Handler is designed to replace 2 to 4 times as many automatic or manual systems, while consuming less than a square meter of costly production floor space and a fraction of the electrical energy. It also allows for more output per hour with less initial capital investment and recurring cost, maximizing factory profitability and flexibility.

TestStation UltraPin II 128HD™ Channel Card DOUBLES Test System Pincount

The UltraPin II 128HD high-density channel card effectively doubles system test point counts. TestStation systems configured with 128HD increase test point maximum from 7,680 to industry leading 15,360, increasing system capability and preserving support for existing compatible fixtures and programs. By providing a path to higher total system pin count within existing systems, the new 128HD hybrid channel card supports the test of larger panels, or higher complexity PCBA's.

“Teradyne’s ICT innovations target reductions in both initial and recurring test costs,” said John Arena, Marketing Director of Teradyne’s Production Test Business Unit. “Our new Multi-Site test system delivers multiple times the units-per-hour capacity of conventional ICT, eliminating capital, labor and tooling required. The addition of automated systems increases capacity further by coupling short material handling times with multisite test productivity.”

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

The new TestStation products will be introduced at Booth #2743 during [IPC APEX EXPO 2015](#) to be held in San Diego, California from February 24-26, 2015. IPC APEX EXPO is North America’s premier conference and exhibition for the electronic interconnect industry.

To schedule a booth demo visit: <http://info.teradyne.com/register-teradyne-ipc-apex>

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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