

## TestStation SE™ 8862 In-Circuit Test System

The Natural Z1800-Series™ Replacement System

- Provides direct Z18xx program migration
- Wireless personality plate allows use of existing fixture
- Graphical, easy-to-use programming and debug environments
- PC-based with native Windows XP operating system



The TestStation SE is a true global solution for in-circuit test, providing one global price, ease of use, high reliability, and test-cost reduction-and backed by Teradyne, a global company.

The TestStation SE™ is the natural Z18xx replacement system. It builds on the Z1800-Series' ease-of-use and reliability and easily brings the user into a modern and more powerful architecture and environment. It truly is the Z18xx for the 21st century. The TestStation SE also represents the best in-circuit test value at the best price for high-volume electronics manufacturers who need flexibility and adaptability in manufacturing process test. Everything is included with the TestStation SE: computer, software, vectorless testing, and access to Teradyne's award-winning, worldwide network of support and service.

TestStation SE provides manufacturers with up to 2560 all-real channels (non-multiplexed - driver/receiver behind each pin), a high-accuracy PRISM™ analog

measurement instrument, and in-depth digital test capabilities. The high-density fixture interface (HDI) ensures a short distance between board under test and channel electronics, and is readily adaptable to wireless fixtures. The TestStation SE hardware guarantees high mean-time-between-failures (MTBF) for production floor reliability.

The TestStation SE helps drive down the cost of test by incorporating a customer-friendly, template-driven program development software environment that is easy to use and simple to learn, enabling manufacturers to save days of program development and debug time. The TestStation SE is a true global solution for in-circuit test, providing one global price, ease of use, high reliability, and test-cost reduction-and backed by Teradyne, a global company.

## TestStation SE Test Capabilities

- Standard shorts and opens testing
- High-performance analog using PRISM DSP based analog system
- Digital vector testing for SSI, LSI, VLSI, including TTL, 3v, CMOS and ECL logic levels
- Fully synchronized testing of mixed-signal devices such as ADC, DAC and CODECS
- Vectorless opens test using MultiScan
- VICTORY™ boundary scan test suite for reduced access testing
- In Line Device Programming (ILDP) capability for programming Flash, EEPROM and FPGAs including support for the new 1532 in-system configuration standard and STAPL player
- Advanced high performance ILDP programming using Lightning™ card (CC3)
- Functional system upgrade option with internal VXI instrument integration

## General System Features

- PC-based test programming and system control
- Windows XP operating system
- Language-free" worksheet-based programming
- Non-multiplexed driver/receiver architecture supporting up to 2560 channels (25% greater channel expansion headroom than Z18xx-2 systems)
- FABmaster or D2B Alchemist™ support for support of test program and fixture development
- Compatible with Teradyne D2B Strategist™ software
- Easy in-line implementation
- Compact footprint

## The Natural Z18xx Replacement

- Provides direct Z18xx program migration
- Wireless personality plate (optional) allows use of existing Z18xx fixtures
- MultiScan vectorless test tool suite is fully compatible (except WaveScan)
- Same design preferences and "look and feel" minimizes re-training
- Same sales and support infrastructure to provide help during transition

The TestStation SE in-circuit test system is supported worldwide by Teradyne's global support and service locations and by qualified fixture and programming services companies who are part of Teradyne's Support Network (TSN). For more information on the TestStation SE system, Teradyne's global support locations, or the Teradyne Support Network, please visit [www.teradyne.com](http://www.teradyne.com).



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