

# TestStation™ Pro Software

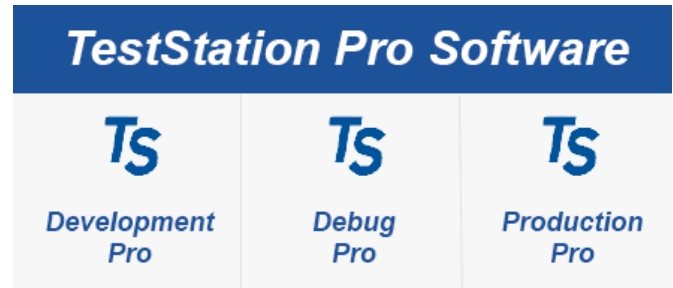
Development, Debug and Production Software

TESTSTATION

## Windows 7 Support

Teradyne's TestStation Pro Software is available for UltraPin-based production test systems running the Windows 7 operating system.

TestStation Pro Software provides power user environments for fast program development, comprehensive debugging, efficient production testing and automation support.



## TestStation Development Pro

Teradyne's software environment for developing high fault coverage in-circuit test programs.

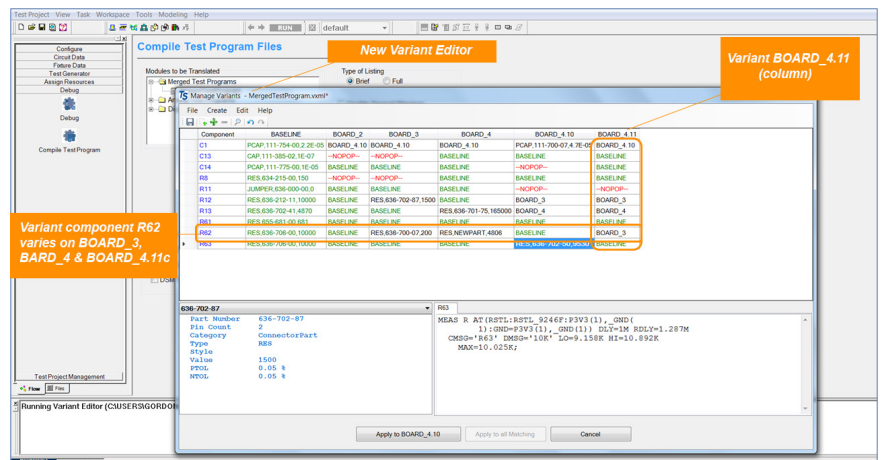
- Easily create and manage a test program to support a baseline board and all its variants
- A graphical sidebar visually shows operators the steps required to develop a test program
- Enhanced links to Design-to-Build (D2B 7.0) simplifies entry and modification of CAD Data
- Spreadsheet-based database editors for entering and modifying circuit and fixture information
- Access to component modeling and application tools via pull-down menus and toolbars
- Dedicated workspaces for the major program development tasks - with all options clearly highlighted
- Project management tools for releasing and archiving in-circuit test projects
- Ability to import legacy 228x/TestStation files

## FEATURES

- MS Windows 7 Operating System
- Streamlined TS DevPro user interface
- Production and Batch Assistant tools
- Links to Design-to-Build (D2B 7.0) software
- Factory automation control interface
- Spreadsheet-based circuit and fixture database editors
- Teradyne Self Service Licensing software
- Support for legacy Teradyne ICT test programs and fixtures

## BENEFITS

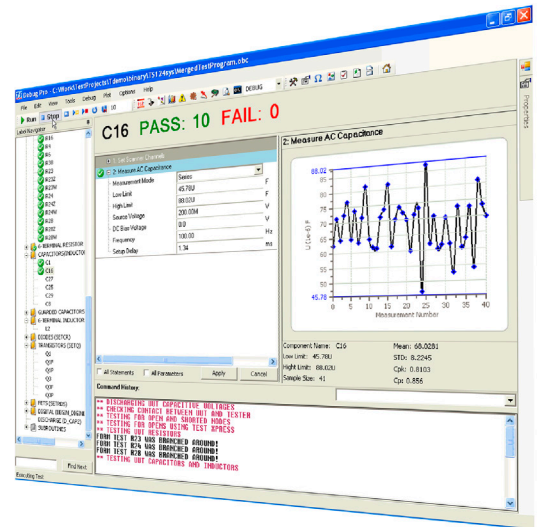
- Faster program development
- Efficient production testing
- Comprehensive debug
- Simplified CAD data entry & modification



## TestStation Production Pro

Teradyne's simplified environment for performing production and system test.

- Simplified interface reduces the number of options that production test operators must set
- Password protection capabilities allow manufacturers to control what test options can be changed by operators
- Production and Batch Assistant utilities simplify the process of selecting in-circuit test programs
- Factory control interface software allows manufacturers to communicate with their shop floor control systems
- Enforced yield rate option warns users when yields fall below specified targets
- Access to Data Display and Logging information for generating reports on PCB failure and quality data



## SUPPORTED OPERATING SYSTEMS

### For TestStation Systems

- 32-bit Windows 7 Professional operating system

### For Offline Programming Stations

- 32-bit or 64-bit Windows 7 Professional, Ultimate or Enterprise Edition operating system

## TestStation Debug Pro

Teradyne's user-friendly interface for debugging, developing and qualifying in-circuit test programs.

- Enhanced tools to view, select and debug board variants
- A Label Navigator visually displays all the tests in the program
- A Statement Editor displays all of the parameters available for selected tests and allows operators to easily select and modify those parameters using a mouse or simple keystrokes
- A Guard Editor window shows test instrument connections and circuit interconnections
- A Charting Tool displays measurement results using run or histogram charts and reports test statistics like Mean, Std Deviation, Cp, and Cpk
- Component and Property Information windows display helpful information about board components, values, tolerances, pins, nets, and nails
- Customizable Tool Bar provides access to powerful debug tools like board and schematic viewers, data collection charts and test quality tools
- An optional Untranslator Window supports performing debug activities using the familiar commands and keystrokes of the traditional Runtime debug environment the TestStation's DMM Instrument.

## TestStation Automation Pro

- Coordinates the test of circuit boards on the TestStation Automated Inline Handler
- Allows passing of boards on conveyors integrated with the TestStation Automated Inline Handler
- Supports the use of fixed and hand-held barcode readers in a conveyor line



Teradyne, Inc. 600 Riverpark Drive, North Reading, MA 01864  
+1.978.370.2700 | [www.teradyne.com](http://www.teradyne.com)