

201.net DISCRETE SEMICONDUCTOR TEST SYSTEM

UPGRADE TO THE NEXT GENERATION



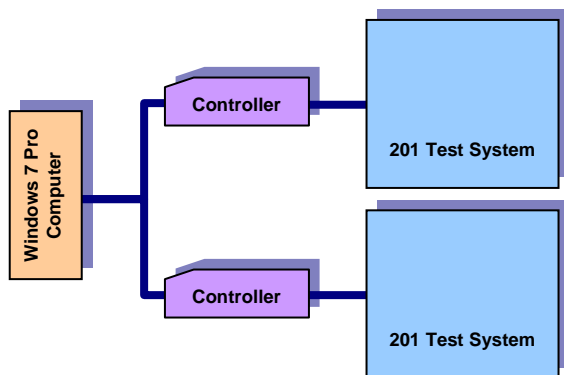
Introduction

Your existing 201A, 201A+, 201B, or 201C test system is ready for the next generation. SemiTek introduces the 201.net upgrade for its previous system models. Upgrading your system is the most economical solution to take advantage of current technology. The 201.net provides the same high reliability tests as its predecessors and operates under the Microsoft Windows 7 Professional platform using a local area network for communication and test control.

Modifications to existing systems vary by model, but most upgrades can be performed on-site following simple instructions. Included in the upgrade is a personal computer with networking capability, a pier-to-pier network, system controller, modification to the existing I/O Module and Measurement Module, interconnect cabling, and XTOS Operating System featuring SemiTek's Build Editor and user-friendly operator interface.

XTOS allows you to control multiple 201 Main Stations each configured with multiple test terminals. Never before have you had such control over testing or data management.

The .net architecture makes the 201 and XTOS operating system the most versatile, simplistic, and economical discrete semiconductor test system available in its class.

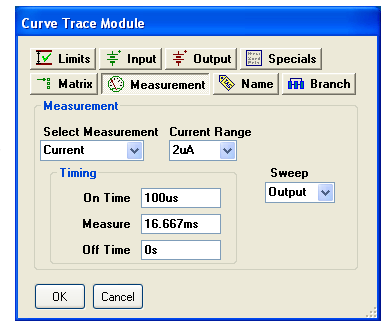


201.net Multiple System Configuration

XTOS Operating System

Programming

Engineers use the Build Editor within XTOS to generate and maintain test file data instructions. These instructions can also be maintained using Microsoft's Excel® if so desired.

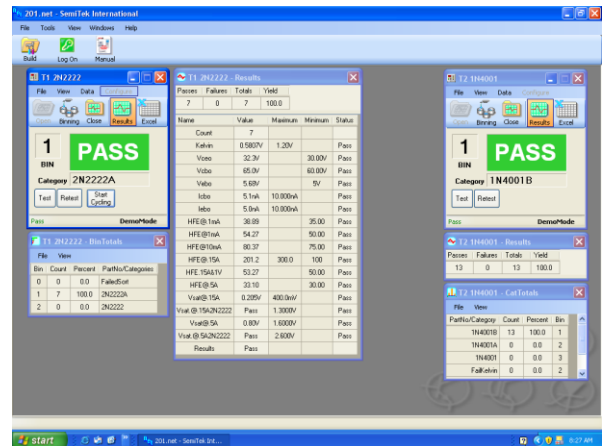


To program, you select the desired preformatted modules and specify the stimulus and acceptance criteria required. Online help is provided for each module to complete the required test instruction.

There are general modules to specify a variety of system commands such as Pause, Wait, Message, and Time/Date. Specific test modules define source input current and voltage, matrix configuration, and acceptance limits. Custom modules may be written to perform special or unique tests as necessary.

The Categories module is a defined list of modules to sort devices based upon passing or not passing specific modules.

Operation



The XTOS software is user-friendly and provides easy-to-follow instructions for operating the tester.

The XTOS Main Window provides access to test files, output data reports, and views of the active systems and test terminals.

Test results can be exported to Microsoft Excel® in various formats. Each function is password programmable and a complete diagnostic and calibration procedure is included.



870 N Dorothy Drive, Suite 714
 Richardson, Texas USA 75081
 (972) 783-8100 Fax (972) 783-8293
 e-mail: info@semitek.com

www.semitek.com