

# ETS Series - EMBEDDED TEST SOLUTIONS

## The Next BIG Thing In Functional Test!

Outfit your next Functional Test fixture with the ETS Series, and you will see a significant increase in performance for surprisingly little cost. The ETS Series begins with our low-cost Embedded Test Controller, the Mini-MATE. The Mini-MATE offers a rare mix of processor performance, digital I/O support, memory capacity, and custom circuit development capability. Use the Mini-MATE to "automate" virtually any production test process (including component test, PCB test, box-level or system-level test). It's time to free yourself from tradition. With the ETS Series, you are no longer bound to an external PC filled with expensive Data Acquisition & Control cards.

### MINI-MATE, EMBEDDED TEST CONTROLLER



**NO PC  
REQUIRED®**



*Shown  
with integrated  
Fixture Control Panel*

## Test Fixture Kits

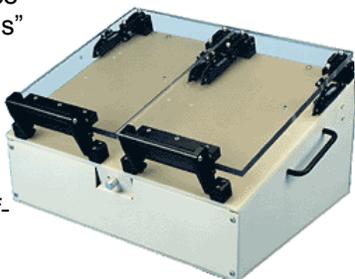
We supply fixture solutions to a wide array of industries, including Aerospace, Automotive, Computers, Defense, Data-Com, Medical, Semiconductor and Telecom. Our fixtures come in all shapes and sizes, and represent all levels of complexity, starting from simple mechanical jigs to advance robotic systems.

Most fixture applications involve Printed Circuit Board test. We have extensive knowledge and experience building custom "bed-of-nails" test fixtures.

When combined with the ETS Series, a passive test fixture is easily transformed into a fully "automated", self-contained test instrument.



Single or  
Gang configurations



## Software & Embedded Test Instruments

Building code for the Mini-MATE is quick and easy with BASCOM. BASCOM is a full-featured, Windows BASIC Compiler that is wrapped in a professional IDE (Integrated Development Environment). The IDE includes several important tools such as a hardware Simulator, Terminal Emulator, Library Manager and a context sensitive Help System.



The ETS Series also includes an impressive array of Embedded Test Instruments. The Short Finder-I is a 8-channel sensor used to detect short-circuits on PCB's prior to applying power to the DUT. We are actively completing designs for a DVM, Pulse Generator, Frequency Counter, General Purpose Relay Configurations, and many others.

### SHORT FINDER-I



### POWER-MATE



## Technical Support

Customers turn to Overton Instruments because there is typically a lot riding on the success of the project. And, regardless of the challenge, we simply deliver.

Much of the same philosophy was used to develop the ETS Series product line. For many Test Engineers, placing embedded controllers and instruments inside a test fixture is a radical departure from traditional ATE projects. But, there exists huge advantages, both in terms of cost, performance and efficiency.

Give us a call today. Our Application Engineers are seasoned veterans who are eager to show you how BIG results can spring from creative ideas. The ETS Series: innovation worth consideration.



**overton**  
INSTRUMENTS

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**"Low-Cost Tools for Automating Production Test Equipment"**