**ADI American Distributors Inc.**
2 Emery Randolph, NJ 07869
(973)-328-1181 • FAX (973)-328-2302
tidaleng@gti.net www.gti.net/tidaleng

# ADI PRESS RELEASE

**Randolph, New Jersey, March 11, 1998**: ADI American Distributors Inc. and Tidal Engineering, suppliers of embedded computers incorporating the IEEE 488 interface, jointly introduced the MT488A portable hand held IEEE 488 test controller today. The MiniTest 488 is the first of its kind; a miniature (10.5" X 4.7" x 1.9" and 1.5 lbs.) programmable micro-computer with built in test peripherals including an IEEE 488 controller and a user interface. David Beck, President of ADI and Craig Borax, of Tidal Engineering, made the announcement.

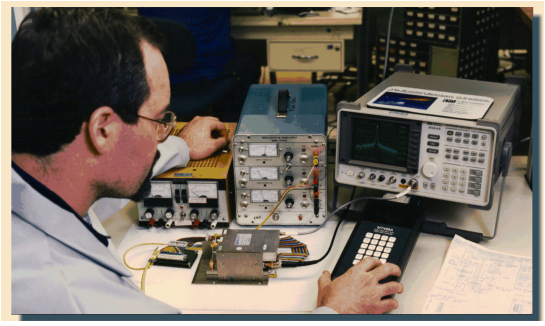

**Figure 1, Typical Test Setup**

The MT488A is a low cost (<$800) and portable personal test controller. It includes a fully integrated Windows(tm) based C environment for program development. Users create test applications in the Integrated Development Environment (IDE) using a PC. The IDE supports edit, compile and debug through a serial port on the PC. Programs are downloaded to the battery backed SRAM on the MT488A or burned into EPROM (or Flash) for permanent storage. Drivers are available for all of the onboard peripherals including the IEEE 488 interface and digital input and output. The IEEE 488 drivers are National Instruments (tm) compatible allowing upward and downward compatibility with existing test systems and test applications.


**Figure 2, MT488A**

The MT488A is targeted at the following applications:

- Product demonstrations and trade shows.
- As a hand held programmable instrument interface, the MT488A stores repetitive command sequences and test setups.
- The MT488A saves space on the production test bench.
- It's a portable off-site field tester and calibration controller.

The MT488A is available with a numeric keypad and both LCD and VFD displays for stand-alone operation. It's also available without the LCD and keypad for use with an external dumb terminal. Drivers are available to direct the user interface to either the built-in LCD and keypad, to an external dumb terminal or through the C environment's stdio window. Test applications can be created easily by modifying sample applications.

The IEEE 488 interface, also known as the General Purpose Interface Bus (GPIB) is the industry standard for connecting electronic instruments and peripherals to computers. The MT488A can control oscilloscopes, logic analyzers, power supplies, plotters, printers et al. Current customers include several microwave component manufacturers and companies using large power supplies.