

# terotest

## CTS100

Preconfigured, Performance Digital and Analogue Test Solution

CTS100 is a proven, reliable and cost effective automatic test system designed to test Military, Aerospace and Safety-Critical equipment, and is capable of performance testing to defined traceable standards. CTS100 utilises 'plug & play' 6U modules, with programmable or fixed logic level digital test capabilities. It supports output files from Teradyne's LASAR simulator to guarantee a high level of fault coverage of the UUT for Go / No Go testing, and also accepts LASAR Guided Probe and Fault Dictionary files, enabling fast and accurate location of faulty components on a UUT.

### Interfacing Options:

Systems come complete with a well engineered 'one hit' interface receiver, which gives the shortest signal path to the UUT. This interface also allows reliable, low cost test fixtures to be produced quickly and easily.

Virginia Panel and Mac Panel solutions are also available if required, as are fixture adaptors to accommodate test fixtures from other Automatic Test Equipment.



### Key Features:

- Functional test system
- Available in 3 sizes dependent upon requirements: CTS100S single bay, CTS90D dual bay and CTS100 three bay systems
- Programmable logic level pin electronics ( $\pm 15V$ )
- Supplied with fully integrated LASAR post processing software for Go / No Go test, and Guided Probe & Fault Dictionary files
- Easy to use software
- Built-in 16 slot interface receiver
- Extensive range of modules available
- Accommodates up to 6 fully programmable (V & I) UUT Power Supplies
- Ideal as a replacement for legacy ATE

### CTS100 is currently used by the following:

- BAE (8 systems), for testing all current radar PCBs and as a legacy ATE replacement for their Teradyne and Computer Automation systems
- Most European and American Navies (10 systems)
- GMSS - secure switching systems (15 systems)
- UK MoD - ABRO Donnington
- Indonesian Air Force, Egyptian and Greek Armies and Chinese MoD



If you thought you couldn't test it.....  
.....talk to us !

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