

SYMETRICS

AN/ALM-295 CDT
Countermeasures Dispenser Test Set



...life saving NEWS

Installation



Test Equipment



Support Equipment



Training



We don't just BUILD it, we SUSTAIN it!

Symetrics' AN/ALM-295 CDT

The Symetrics Countermeasures Dispenser Test Set (CDT), performs safety and functional checks of the AN/ALE-47 Countermeasures Dispenser System. Symetrics' AN/ALM-295 CDT is a direct replacement for the AN/ALM-288 Test Set in AN/ALE-47 CMDS, providing enhanced performance at a lower cost. The CDT is inserted into a dispenser and automatically performs tests, displaying the test results.

Countermeasures Dispenser Test Set

...life saving **nEWS**

Five Modes of Operation

- ◆ Built-in Test (BIT)
- ◆ Stray Voltage
- ◆ Fire Test
- ◆ Misfire Detection and Correction
- ◆ Jettison

Diagnosis Data Collected

- ◆ Count, timing, and numbering of valid fire pulses
- ◆ Limiting of dual squib fire pulses.
- ◆ Bad ground or contact spring
- ◆ No fire positions

Specific Benefits

- ◆ Set: Two ruggedized, self-contained, CDTs in a single, weather resistant, carrying case
- ◆ Weather and corrosion resistant, sealed aluminum chassis
- ◆ Flightline environment ready; designed for functioning in extreme environments
- ◆ Built-in Test (BIT)
- ◆ Backlit, multi-line LCD, readable at night and in direct sunlight
- ◆ Power: Standard alkaline "D" cell batteries, approx. 100 hours operating life, easy access for quick change
- ◆ Will not time-out during testing
- ◆ No need to reset the CDT between tests
- ◆ Automatic shutdown after 20 minutes unless installed in a dispenser
- ◆ Low battery indicator
- ◆ Low power microprocessor based electronics
- ◆ Field upgradeable; program upgrades may be performed using a laptop computer
- ◆ Easy to use with intuitive user interface
- ◆ Heat treated attachment screws for longer operational life; may be changed in the field
- ◆ Longer calibration cycles (one year rather than six or nine months)
- ◆ Custom fire pulse levels may be set for more refined troubleshooting and testing
- ◆ Can isolate faults to a single fire line of the AN/ALE-47 Sequencer



Technical Specifications

- ◆ Physical dimensions: 5.5" x 7.5" x 10" (140 mm x 193 mm x 254 mm)
- ◆ Weight: Less than 10 pounds (4.45 kg)

AN/ALE-47 Aircraft Countermeasures Dispenser System



Control Display Unit



Safety Switch



Dispenser



Sequencer



Programmer



CDT



MLVS

Support Equipment



SYMETRICS INDUSTRIES

Big Business Ability,

...Small Business Agility

1615 W. NASA Blvd • Melbourne, Florida 32901 USA • Phone (321) 254-1500 • Fax (321) 259-4122 • ALE-47@symetrics.com

symetrics.com

Symetrics Industries is a subsidiary of Extant Components Group, Inc. - ISO 9001:2008 and AS9100 B Certified