**AN/GLM-11 UNIVERSAL TEST SET**

Part Number: 39202-40010-10  
NSN 5865-01-580-1528  
Specifications subject to change without notice.

PROVIDING CONFIDENCE AND RELIABILITY THROUGH RADIO FREQUENCY (RF) TEST AND TRAINING SOLUTIONS.

The Universal Test Set (UTS) is a portable, battery-powered, programmable, ruggedized RF test set designed to validate improvised explosive device (IED) jamming equipment. The unit is intended to provide an in-field confidence test for warfighters employing IED jammers prior to departure.

The system executes preprogrammed test sequences that replicate threats and measure the expected jammer responses from the vehicle under test. These measurements are conducted using the build emitter, build measurement and build sequence applications.

An operator display automatically provides the operator with go/no-go test results. Under a password option, advanced users also can call up a spectral display of the jammer response.

The UTS can be used to test a large number of communication and communication jamming systems currently deployed worldwide.

**SPECIFICATIONS**

**FREQUENCY RANGE:**

- Sufficient for current and future counter-radio-controlled IED electronic warfare, or CREW, jammers

**STIMULUS MODULATION:**

- Capable of providing continuous wave, or CW; AM and FM; amplitude-shift keying, or ASK; phase shift keying, or PSK; frequency-shift keying, or FSK; minimum-shift keying, or MSK; and Gaussian minimum-shift keying, or GMSK, waveforms

**MEASUREMENT:**

- Capable of modulating the carrier signal with dual-tone, multi-frequency, tone, digital code and arbitrary waveform

**ELECTROMAGNETIC BACKGROUND:**

- Uses timing protocol to determine operational status of the unit under test

**RF CABLE AND ANTENNA MEASUREMENTS:**

- Ability to simultaneously measure and analyze background electromagnetic environment

**EASE OF PROGRAMMABILITY:**

- Insertion loss and return loss/voltage standing wave ratio, or VSWR, measurements

**SELF TEST:**

- Field programmable using laptop or external memory module

**POWER:**

- Robust built-in test

**OPERATING TIME:**

- Rechargeable BB-5290 battery

**COMPATIBILITY WITH PROTECTIVE CLOTHING:**

- Eight hours continuous operation utilizing BB-5290 battery

**DISPLAY:**

- Mission Oriented Protective Posture Level IV, or MOPP IV, and cold weather gear

**TRANSPORTABILITY:**

- Direct sunlight and night vision compatible

**OPERATING/STORAGE TEMPERATURE:**

- Commercial air carrier

- -20 to 140 degrees Fahrenheit [°F]/-28 to 160 °F

**TEST SET WEIGHT:**

- Less than 12 pounds

**TEST SET DIMENSIONS:**

- 7 inches (in.) x 14 in. x 9.5 in.

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