

# UNIVERSAL TEST SET

## AN/GLM-11



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

# TEST, TRAINING & SIMULATION

### 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.

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► PUSHING PAST POSSIBLE

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## KEY SPECIFICATIONS

### FREQUENCY RANGE

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

### OPERATING TIME

Eight hours continuous operation utilizing BB-5290 battery

### MEASUREMENT

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

### ELECTROMAGNETIC BACKGROUND

Able to simultaneously measure and analyze background electromagnetic environment

### DISPLAY

Direct sunlight and night vision compatible

### EASE OF PROGRAMMABILITY

Field programmable using a laptop or external memory module

### TRANSPORTABILITY

Commercial air carrier

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

### COMPATIBILITY WITH PROTECTIVE CLOTHING

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

### RF CABLE & ANTENNA MEASUREMENTS

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

### TEST SET WEIGHT

Less than 12 pounds

### TEST SET DIMENSIONS

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

### OPERATING/STORAGE TEMPERATURE

-20 to 140 degrees Fahrenheit (°F)/-28 to 160 °F

### SELF TEST

Robust built-in test

### POWER

Rechargeable BB-5290 battery