

KNOW BEFORE YOU GO™



AN/GLM-11 Universal Test Set

Part Number: 39202-40010-10

NSN 5865-01-580-1528

Specifications subject to change without notice.

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 ■ Capable of modulating the carrier signal with dual-tone, multi-frequency, tone, digital code and arbitrary waveform
Measurement:	■ Uses timing protocol to determine operational status of the unit under test
Electromagnetic background:	■ Able to simultaneously measure and analyze background electromagnetic environment
RF cable and antenna measurements:	■ Insertion loss and return loss/voltage standing wave ratio, or VSWR, measurements
Ease of programmability:	■ Field programmable using laptop or external memory module
Self test:	■ Robust built-in test
Power:	■ Rechargeable BB-5290 battery
Operating time:	■ Eight hours continuous operation utilizing BB-5290 battery
Compatibility with protective clothing:	■ Mission Oriented Protective Posture Level IV, or MOPP IV, and cold weather gear
Display:	■ Direct sunlight and night vision compatible
Transportability:	■ Commercial air carrier
Operating/storage temperature:	■ -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.

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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