

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.



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:

STIMULUS MODULATION:

MEASUREMENT:

ELECTROMAGNETIC BACKGROUND:

RF CABLE AND ANTENNA MEASUREMENTS:

EASE OF PROGRAMMABILITY:

SELF TEST:

POWER:

OPERATING TIME:

COMPATIBILITY WITH PROTECTIVE CLOTHING:

DISPLAY:

TRANSPORTABILITY:

OPERATING/STORAGE TEMPERATURE:

TEST SET WEIGHT:

TEST SET DIMENSIONS:

- Sufficient for current and future counter-radio-controlled IED electronic warfare, or CREW, jammers
- 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
- Uses timing protocol to determine operational status of the unit under test
- Able to simultaneously measure and analyze background electromagnetic environment
- Insertion loss and return loss/voltage standing wave ratio, or VSWR, measurements
- Field programmable using laptop or external memory module
- Robust built-in test
- Rechargeable BB-5290 battery
- Eight hours continuous operation utilizing BB-5290 battery
- Mission Oriented Protective Posture Level IV, or MOPP IV, and cold weather gear
- Direct sunlight and night vision compatible
- Commercial air carrier
- -20 to 140 degrees Fahrenheit (°F)/-28 to 160 °F
- Less than 12 pounds
- 7 inches (in.) x 14 in. x 9.5 in.

Textron Systems Electronic Systems is a business of Textron Systems.
© 2016 AAI Corporation. All rights reserved. 0116

Textron Systems

ESL Defence Limited

16-17 Compass Point, Ensign Way

Hamble, Southampton Hampshire

SO31 4RA

+(44)2380455110

sales@esldefense.co.uk

Textron Systems

Electronic Systems

124 Industry Lane

Hunt Valley, MD 21030

800-655-2616

electronicsystems@textronsystems.com



www.textronsystems.com/electronicssystem

TEXTRON Systems