

KNOW BEFORE YOU GO™



Griffen-25 and -50 Test Sets

Part Numbers: EU02152-02-FG (Griffen-25)
EU02156-01-FG (Griffen-50)

Specifications subject to change without notice.

Providing confidence and reliability through total spectrum test and training solutions.

The Griffen-25 and -50 are medium-range (up to 5 kilometers, or km) electro-optic test sets designed to stimulate ultraviolet (UV) missile warning systems such as the AN/AAR-47, -54, -57 and -60. The systems enable stimulation of medium-range engagements for opposing forces and flight confidence testing at aircraft bases or training ranges.

Handheld or supported on a simple tripod, the battery-operated Griffen-25 and -50 test sets are programmed to radiate either a classified or unclassified temporal missile plume. The Griffen Control Utility, or GCU, is an optional management software package available for creating and downloading test templates, as well as for remote control of the test set using a Recommended Standard (RS) 232 serial port.

The Griffen-25 and -50 come with a fitted cover and strap for operational carriage. In addition, the housing has an optional one-times (x1) red dot aiming site, which can be removed when not in use.

Specifications

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| Performance: | <ul style="list-style-type: none">■ Beam width greater than or equal to 2 degrees (half power)■ Peak beam wavelength 275 ±3 nanometers■ Maximum on-axis irradiance is 1 watt per steradian (W/sr) for the Griffen-25, and 2 W/sr for the Griffen-50■ Typical maximum range to warner is 500 meters to 5 km■ Test profile duration less than or equal to 15 seconds■ Standby time less than or equal to 1 second from switch-on to ready |
| Test profiles: | <ul style="list-style-type: none">■ Choice of eight test (missile warner declaration) profiles |
| Power supply: | <ul style="list-style-type: none">■ Rechargeable nickel cadmium, or NiCd, battery■ External 12 volts direct current (VDC) via utility port |
| Indicators: | <ul style="list-style-type: none">■ Battery status, ready and operational■ Audible alarm |
| Controls: | <ul style="list-style-type: none">■ On/off switch■ Trigger button on the hand grip■ Profile selector switch |
| Utility port: | <ul style="list-style-type: none">■ RS 232 serial communication port■ Remote external trigger by contact closure■ External battery charge■ External 12 VDC power input |
| Dimensions: | <ul style="list-style-type: none">■ Overall dimensions within 350 millimeters (mm) x 140 mm, or 13.8 inches (in.) x 5.5 in., excluding handle■ Mass less than or equal to 4.2 kilograms (9.4 pounds) including battery pack |
| Color: | <ul style="list-style-type: none">■ NATO green plus yellow removable strip |
| Environment: | <ul style="list-style-type: none">■ Operating temperature -20 to 55 degrees Celsius (°C)■ Storage temperature -40 to 71°C■ CE marked■ Designed to the requirements of MIL PRF 28800F and DEF STAN 66-31 |
| Transport case: | Containing ancillaries including one spare rechargeable battery pack, socket driver, battery charger cable, a CE-marked battery charger and mains lead, reversible protective jacket, shoulder strap, removable red dot sight, and operating and maintenance handbook |

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