

HYDRA™



Part Numbers:
EU00036-03-FG (Hydra v3)
EU00036-04-FG (Hydra v4)

LASER WARNING RECEIVER FLIGHT-LINE CONFIDENCE TEST AND LABORATORY TEST & EVALUATION

The Hydra is pre-mission flight-line confidence test set designed to stimulate Laser Warning Receivers (LWR). A ruggedized, military specification (MIL-SPEC) can be operated from typical stand-off ranges 5 m to 30 m. Hydra can be programmed with Laser Range Finder, Laser Designator and Laser Beam Rider threat profiles. Hydra is powered from an internal battery which can be externally charged using a communication serial data port. Hydra is sufficiently rugged for laboratory, flight-line and hangar carriage and operation and can be remotely controlled.

TextronSystems.com



TEXTRON Systems

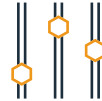
► **PUSHING PAST POSSIBLE**

HYDRA

SPECIFICATIONS



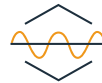
TYPICAL OPERATING RANGE
5 m to 20 m



NUMBER OF TEST PROFILES
8, plus visual BIT Test and Calibrated profile



BATTERY LIFE
> 100 engagement operations



WAVELENGTHS
0.905 μm , 1.064 μm



USER INTERFACE
Switches, indicators and trigger switch and GUI



WEIGHT (INCLUDING BATTERY)
< 4.4 kg



MAXIMUM PROFILE LENGTH
10 sec



AIMING
Iron sight



DIMENSIONS (INCLUDING HANDLE)
115 (W) x 135(H) x 405 (L) mm



MEMORY MEDIA TYPE
Easily accessible internal memory card



REMOTE CONTROL CONNECTION
RS 232/422 serial port



DIMENSIONS (MAIN HOUSING)
Handheld or tripod



POWER
Internal rechargeable battery



STANDARD COLOR
NATO green

PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

- > Designed to perform rapid flight-line confidence test at safe distances around operationally ready rotary wing and jet aircraft
- > ATEX compliant for flight-line operations
- > Threat library profiles compatible with most in-service LWR
- > Programmable threat characteristics, including threat type and pulse modes
- > Provides simulation of Laser Range Finder, Laser Designator and Laser Beam Rider Threats
- > Easily removable memory card, if required for security aspects
- > Power is supplied from an internal battery