



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

HYDRA™

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.

TEXTRON Systems

Electronic Systems

124 Industry Lane, Hunt Valley, MD 21030 | 800.655.2616 | electronicsystems@textronsystems.com
www.textronsystems.com/es

HYDRA

SYSTEM PERFORMANCE



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



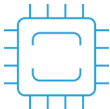
Maximum Profile Length
10 sec



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

For information within the
United States, please contact:
Textron Systems Electronic Systems
124 Industry Lane
Hunt Valley, MD 21030
1-800-655-2616 or 410-666-1400
electronicsystems@textronsystems.com

For information outside the
United States, please contact:
Textron Systems Electronic Systems UK
16 Compass Point, Ensign Way
Hamble, Southampton Hampshire SO31 4RA
+(44) 2380455110
electronicsystems@textronsystems.com

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