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.
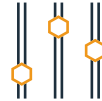
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▶ PUSHING PAST POSSIBLE
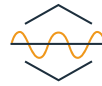
HYDRA

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