



Part Numbers:

EU00018-03-FG (UV Baringa 5.5)  
EU00075-03-FG (Baringa 5.5 Kit 3)  
EU00018-02-FG (Baringa 5 - ATEX)

# UV BARINGA™

## UV MISSILE WARNING SYSTEM FLIGHT-LINE CONFIDENCE TEST AND LABORATORY & TEST EVALUATION

The Ultraviolet (UV) Baringa is a pre-mission flight-line confidence test set designed to stimulate UV Missile Warning Systems (MWS) such as AN/AAR-47, -54, -57 (CMWS), -60 (MILDS) and MAWS 200/300. The Baringa is a ruggedized, military specification (MIL-SPEC) product, which can be operated from typical stand-off ranges of 5 m to 30 m. The Baringa can also be used to simulate the UV signature of typical flares to check that the MWS is immune to flare blinding. Baringa can be externally programmed with threat profiles and the batteries externally charged using the communication serial data port. Baringa is sufficiently rugged for laboratory, flight-line and hangar operations, carriage and operation, and can be remotely controlled.

**TEXTRON** Systems

Electronic Systems

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# UV BARINGA

## SYSTEM PERFORMANCE



Typical Operating Range  
5 m to 30 m



Number of Test Profiles  
8, plus visual BIT and  
Calibrated profile



Battery Life  
> 500 engagement operations



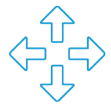
UV Wavelengths  
Solar blind



User Interface  
Switches, indicators and  
trigger switch and GUI



Weight (including battery)  
< 3.9 kg/lb



Typical Beam Divergence  
10 deg (half power)



Aiming  
Iron sight



Dimensions (including handle)  
112 (W) x 252 (H) x 341 (L) mm/in



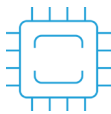
Maximum Profile Length  
10 sec



Remote Control Connection  
RS 232/422 serial port



Mounting Configuration  
Handheld or monopod  
(not supplied)



Memory Media Type  
Easily accessible internal  
memory card



Power  
Internal rechargeable battery



Standard Color  
NATO Green

## PROVIDING CONFIDENCE AND RELIABILITY THROUGH TOTAL SPECTRUM TEST AND TRAINING SOLUTIONS

- Threat library profiles compatible with all in-service UV MWS
- Designed to perform rapid flight-line confidence test at safe distances around operationally ready rotary wing and jet aircraft
- Can be remotely controlled from a PC for extended safety and laboratory operations
- Rugged design, including ATEX compliant for flight-line operations
- Easily removable memory card, if required for security aspects
- BarMan software available for programming of threat profiles and remote control
- Power is supplied from an internal battery or external power supply

For information within the  
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