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 standoff 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.
ULTRAVIOLET MISSILE WARNING SYSTEM TEST SET

KEY FEATURES & BENEFITS

- 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

SYSTEM PERFORMANCE

- **TYPICAL OPERATING RANGE**
  5 m - 30 m

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

- **BATTERY LIFE**
  > 500 engagement operations

- **UV WAVELENGTH**
  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
  2+ hrs of operation

- **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