

# » UVTS

## UltraViolet Threat Simulators



The UVTS is a short to long-range electro-optical missile threat simulator for testing missile approach warning systems and training crew in the operation of these systems. It simulates the UV radiation profile of an approaching missile

# » UVTS

## UltraViolet Threat Simulators

### » ENHANCEMENTS TO THE BASIC SYSTEM INCLUDE

- ▶ The ability to synchronize between several UVTS and IRTS to create a true Missile-Field simulation
- ▶ The ability to install and operate the UVTS from a moving platform (land or sea) to enable testing and training of fixed wing platforms
- ▶ Optional integrated radiometers to measure the UV/IR countermeasure performance of the threatened platform
- ▶ Optional motorized pedestal with video tracker
- ▶ Multiple units working in sync to increase simulation range

### » FEATURES

- ▶ Pushbutton Hand Controller
- ▶ Simulation of fast phenomena (eject and boost)
- ▶ Customized missile profiles generation software
- ▶ Withstands field environmental conditions
- ▶ Rugged and reliable

### » SPECIFICATIONS

Wavelength	CWL: 275nm, BW: $\pm 5$
Temporal resolution	200 Hz (5 msec updated rate)
Beam shape	Rectangular: Azimuth: $8^{\circ}$ Elevation: $8^{\circ}$
Radiant intensity (RI)	RI > 30 W/Sr
Profiles	Accepts shorts, medium & long distance profiles and custom test waveforms. Maximum duration of any profile is 5 minutes Up to 10 profiles selectable via attached USB Flash Drive
User interface	Pushbutton Hand Controller
Software	Windows compatible software for generating profiles
Weight	26.46 lbs. (12 Kg)*
Dimensions (HxWxD)	16" x 10" x 8" 406 mm x 254 mm x 203 mm*
Accessories	Ruggedized case and system manual

(\*) Sizes are subject to change

Specifications are subject to change without prior notice Cat. No. XXXX

May 2018