

# » C-MSS

## Collimated Missile Signature Simulator



The C-MSS is a portable (optional battery powered) system for testing and calibrating the onboard infrared missile warning system (MWS) mounted on a vehicle/ aircraft. The system is design to trigger the missile warning system by using an infrared collimated beam mounted and boresighted to a theodolite

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## » SPECIFICATIONS

Wavelengths range	MWIR
Source size	3.5mrad
Uniform background plate	40 mRad
Range to IRCM sensors	up to 10 m
Controlled emitter radiance	>20nW/cm <sup>2</sup>
Emission uniformity	90% @ ± 5@ 6m
Number of missile profiles	4
Profile repetition	± 5%
Time resolution	5 mSec
Operation voltage	4.8 Vdc
Battery type (optinal)	Standard c-size
Current	3.5 A
Environment conditions	-10 ° to +55°