



FEATURES

- Integrated Blackbody and Laser Sources
- Absolute Mode (10°C to 60°C) and Differential Mode (-15°C to 35°C ΔT)
- Synchronized Pulsed Laser for Precision Range Testing of Gated Cameras.
- Simulated Range Adjustable from 100 to 100,000 meters
- Pulse Width Adjustable from 20 to 500ns
- Output Pulse Radiant Energy Adjustable from 0.4 to 85nJ/cm²/sr
- 1000Hz Pulse Repetition Rate (Free Run Mode)
- Multi-Function Controller

OVERVIEW

The Multi-Spectral Source¹ (MSS) is an integrating sphere based output source with integral extended area blackbody and pulsed laser sources (1.06nm, 1.57nm) that is used for simultaneous boresight and image resolution testing. The laser sources synchronize with adjustable delay for range-gated camera testing. The MSS system is designed to support testing of gated cameras that are integrated into a multisensor package. The MSS combines both an infrared and laser source, allowing the gated camera to be boresighted with an IR sensor. In addition, the MSS serves as a uniform backlight for a variety of resolution targets. Each system includes an MSS source sphere, system controller, calibrated iProbe(s), interconnect cable and power cable. These systems are easily integrated with other SBIR products including target wheels, collimators, source select stages, range stages, boresight modules, visible illuminators, and laser test modules.

SPECIFICATIONS & ORDER INFORMATION

Please contact SBIR sales team at (805) 965-3669 for more information.

Notes: 1. Patent Pending

Solutions

for Every EO Test Requirement

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