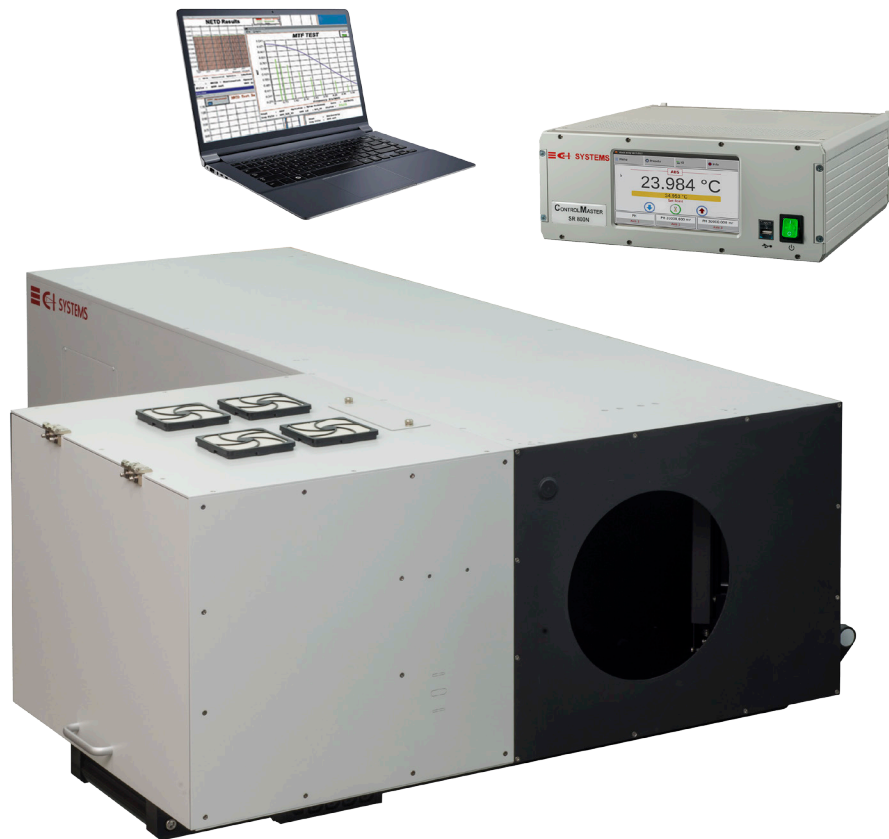


» METS

Modular Electro-Optical Test System

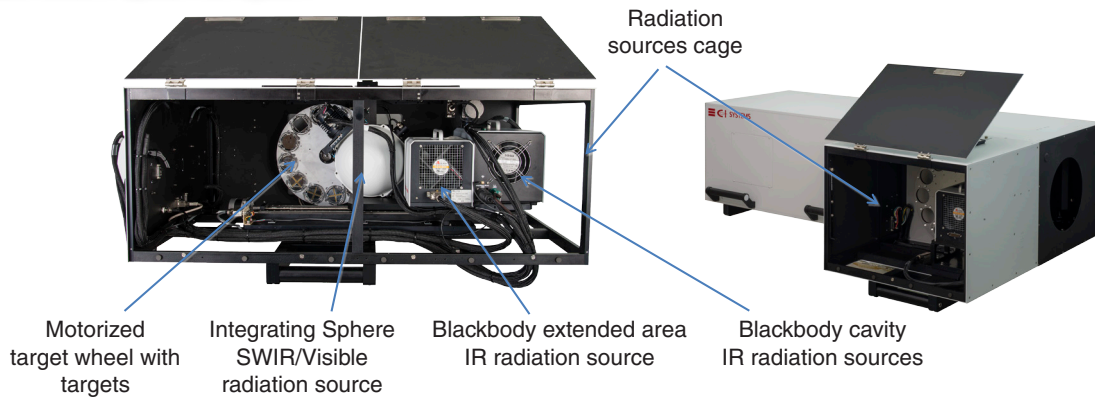


The METS, incorporating CI's reflective optics, extended area blackbody and a motorized target wheel, provides fast and reliable testing for repeatable and objective results.

The METS can be easily modified for a range of applications, including automated FLIR, CCD, Laser and boresight testing on the production floor, lab or depot when used in conjunction with CI's automatic test software. The METS are designed to retain their accuracy over a wide range of temperatures.

» METS

Modular Electro-Optical Test System



» FEATURES

- ▶ Superior optical quality, wave front error better than $\lambda/25$ RMS
- ▶ Rugged construction
- ▶ High accuracy and stability blackbody
- ▶ 6 or 12 plates target wheel
- ▶ Wide operational temperature range

» OPTIONS

- ▶ FLIR testing
- ▶ Visible Sensor testing
- ▶ Laser Systems tester
- ▶ Laser / Visible/ FLIR boresight
- ▶ Complete automatic testing
- ▶ 19" rack mountable controller
- ▶ Line of sight alignment

» SPECIFICATIONS

METS Model #	8-2.8	10-1.6	12-1.6	10-2.9	12-2.9	14-2.9	16-2.9	19-2.9	10-1.0	12-1.0	14-1.0	16-1.0	19-1.0	21-1.0
Aperture	8"	10"	12"	10"	12"	14"	16"	19"	10"	12"	14"	16"	19"	21"
Focal length	40"	70"		70"				120"				180"		
FOV	2.8°	1.6°		2.9°				1.0°				1.0°		
Target positions	8	12		6				12				12		
Collimator type	Reflective, off-axis													
Spectral band	0.4 μ m to 15 μ m													
Operating Temp.	10°C to 35°C													
Optical resolution	Diffraction limited on axis													
Communication	RS232, Ethernet, (Optional: GPIB IEEE-488)													

* Additional collimator models with different apertures and focal lengths are available upon request.

» RADIATION SOURCES

SR-800 4D	Differential Blackbody
SR-300	Integrating Sphere
SR-200	Cavity Blackbody

Notes:

* Please see CI-Systems website for technical details of our blackbodies and integrating spheres.

* Additional radiation sources are available upon request.

* CI-Systems proposes a large variety of targets for applications from VIS to LWIR.