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 λ/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**

<table>
<thead>
<tr>
<th>METS Model #</th>
<th>8-2.8</th>
<th>10-1.6</th>
<th>12-1.6</th>
<th>10-2.9</th>
<th>12-2.9</th>
<th>14-2.9</th>
<th>16-2.9</th>
<th>19-2.9</th>
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<tr>
<td>Aperture</td>
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<td>10”</td>
<td>12”</td>
<td>10”</td>
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<td>16”</td>
<td>19”</td>
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<td>16”</td>
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<td>Focal length</td>
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<td>70”</td>
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<td>120”</td>
<td>180”</td>
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<tr>
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</table>

* 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.