

ILET

Intermediate Level EO Tester



I L E T

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CI Systems's ILET (Intermediate Level Electro-optical tester) family of test systems are most suitable for performing Optical and boresight tests at the I level and in the laboratory.

CI's compact, computerized ILET can be placed in a mobile test van and enable full testing of thermal imagers and visible sensors without recourse to the D level.

The basic ILET tester includes a collimator, a light source (blackbody and / or visible source) and a target wheel (manual or motorized). As an option the tester may include a computer with CI's test software .

The ILET testers are easy to use when interfaced with CI's software, minimizing the turn around time and maximizing testing objectivity and repeatability.

The testers are designed to retain their accuracy over a wide range of temperatures.

The ILET's outstanding features and versatility make them useful in a variety of applications such as testing inside environmental chambers, testing on production lines or testing in the field.

FEATURES :

- ▶ Portable
- ▶ Easy to operate
- ▶ Rugged construction
- ▶ A-Thermal construction
- ▶ All functions can be computer controlled using CI's AFT software

SPECIFICATIONS :

- ▶ Collimator type: Off axis, reflective
- ▶ Primary mirror: Parabolic, pyrex or aluminum
- ▶ Spectral band: 0.4 μm to 15 μm
- ▶ Resolution: Diffraction limited on axis
- ▶ Optical quality: $\lambda/6$ (better is optional)
- ▶ Target wheel: Motorized or manual
- ▶ Operational Temp. range 0°C to 50°C (-30°C to +70°C optional)
- ▶ Communication: Via IEEE-488 (RS232 optional)
- ▶ Sources: Blackbody, Visible (other upon request)

Model:	ILET-7-2.8	ILET-7-1.6	ILET-6-2.8	ILET-5-1.1	ILET-4-2	ILET-4-1.6	ILET-2.5-0.5
▶ Clear aperture:	7"	7"	6"	5"	4"	4"	2.5"
▶ Focal length:	40"	40"	40"	30"	30"	30"	19.7"
▶ FOV:	2.8°	1.6°	2.8°	1.1°	2°	1.6°	0.5°
▶ Target positions:	12	12	12	12	8	8	8
▶ Weight:	30Kg	30Kg	30Kg	12Kg	12Kg	12Kg	4Kg



Specifications are subject to change without prior notice

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