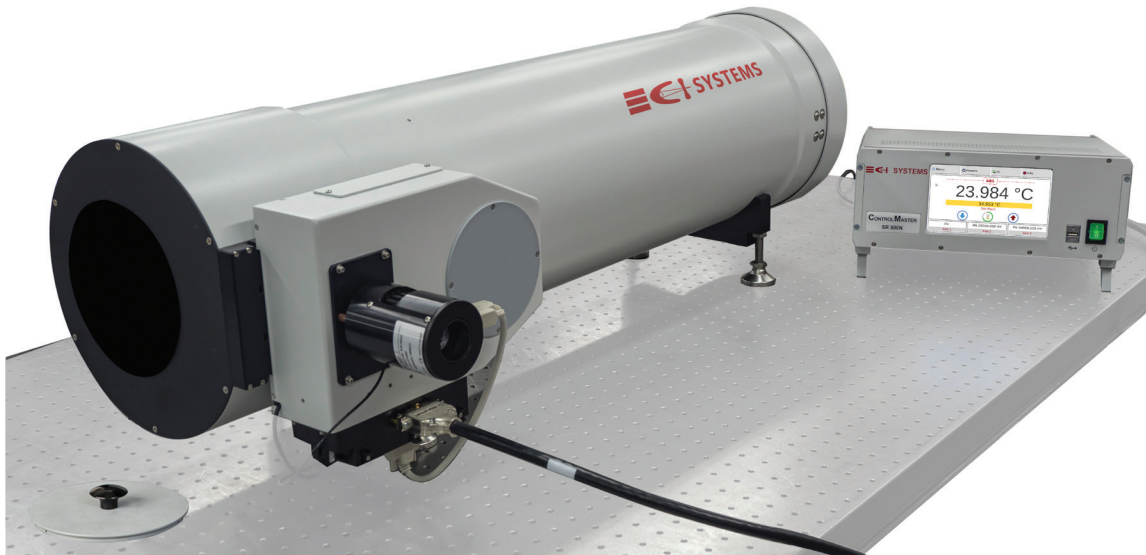


# » ILET

## Intermediate Level E-O Tester



The CI Systems ILET (Intermediate Level Electro-Optical Tester) family of test systems is ideally suited for performing I-level optical tests and laboratory testing.

Portable, compact and computerized, ILET testers can be placed in a mobile test van and enable full testing of thermal imagers and visible light sensors, without recourse to D-level facilities.

The basic ILET configuration includes an optical collimator, a radiation source (blackbody and/or visible light source) and a target wheel (manual or motorized).

The ILET is easy to use when interfaced with CI's software (optional), minimizing testing turnaround time and maximizing testing objectivity and repeatability.

The testers are designed to retain their accuracy over a wide range of temperatures. Thanks to the ILET's outstanding features and versatility, it is 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
- ▶ Tripod mountable
- ▶ Optional: All functions can be computer controlled using CI's automatic test software
- ▶ Optional ILET models for environment chamber

# » ILET

## Intermediate Level E-O Tester

### » SPECIFICATIONS

Collimator type:	Off axis, reflective
Primary mirror:	Parabolic, pyrex or aluminum
Spectral band:	0.4 $\mu\text{m}$ to 15 $\mu\text{m}$
Target wheel:	Motorized or manual
Operational Temp. range:	from +10 deg°C to +35 deg°C
Optional Chamber model:	from -40 deg°C to +80 deg°C
Communication:	Ethernet , RS232
Sources (optional):	"Blackbody models: SR-800N-2D, SR-200N Integrating sphere model: SR300N-1-close-mot or other visible light source upon request"

Model	ILET-2-2.9	ILET-4-2.0	ILET-5-1.1	ILET-5-2.0 Short	ILET-6-2.0
Clear Aperture [inch]	2	4	5	5	6
Focal Length [inch]	10.83	30	30	15	40
FOV [deg.]	2.9	2.0	1.1	2.0	2.0
Target positions, standard (1)	x1	x8	x16	x16	x8
Length x Height [mm] (2)	350 x 100	800 x 220	800 x 200	460 x 250	1060 x 340
Weight [kg.] (2)	4	12	12	10	23

(1) Different number of target positions available upon request

(2) Weight and sizes may vary depending on the specific configuration



"ILET-5-2.0 Short" Test System