



CI Systems Ltd.

Line of Business
Electro-Optics

Established
1977

Leading Executives
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C.E.O.

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CI Systems Ltd. develops, manufactures, markets and services sophisticated electro-optical test and measurement systems primarily for the design, testing and maintenance of military electro-optical systems. CI's over 30 years experience has earned it a reputation as a reliable partner in worldwide defense programs.

Products and Services

- Testing systems for electro-optical equipment including FLIRs (Forward Looking Infrared Systems), Laser, CCD and Multi-Sensor Systems including Boresight.
- Electro-Optical field testing systems
- Infra-Red and Visible sources



- Remote Sensing Systems for the measurement of electro-magnetic radiation (Spectroradiometers and Radiometers) with both general and defense applications (Radiometric calibration, decoy and camouflage materials development and testing, signature analysis, environmental studies, fast explosive measurements)
- Gun to aiming sight and In-flight boresights
- Temperature monitors for the micro-electronics industry.

Brief History

Established in 1977, the company first projects were R&D projects on a sub contractual basis before developing its wide number of own innovative products.

During the years CI maintained a line of products for E-O testing, IR sources and Remote Sensing and established a reputation as a leading knowledge center and a world leader in providing E-O testing solutions.

Product Details

E-O Testing

Modular Electro-optical Test System (METS)

A fully integrated system mainly used for depot level. Its main features are:

- Wide spectral range and aperture.
- Superior optical quality, temperature resolution and accuracy.
- Modular design to meet the specific needs of the customer.
- Easy to operate advanced software package to automatically perform MTF, NED, MRTD, SiTF test.
- User friendly optical alignment to Unit Under Test.
- Built to test visible (CCDs) to FLIR systems including LASER testing.

IR Sources

SR-800 Extended Area Blackbody

- Advanced architecture ControlMaster SR-800.
- Superior accuracy and high uniformity.
- Wide range of temperatures with Milikelvin resolution.
- Built-in MRTD testing.
- Compact and portable controller.
- Ability to control up to four motorized device.
- NIST – traceable calibration certificate.

Remote Sensing

SR 5000

- Performs spectral measurements (radiant intensity vs. wavelength).
- Performs radiometric measurements (radiant intensity vs. time at a fixed wavelength or wavelength range).
- Supports various Spectroradiometer measurements applications.

COLORAD

- A high-speed radiometer, which simultaneously measures the object's radiant intensity in up to eight spectral regions.

IR/UV TS/MSS

- Air-to-Air or Ground-To-Air missile.
- IR or UV radiation simulation.
- Testing of Missile Warning Systems.
- Real world aircraft crew training (IR-UV TS).
- O-level testing (MSS)

CI SYSTEMS

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