

# Capabilities Statement

OptoTest Corporation designs and manufactures fiber optic test equipment for **telecom/datacenters, mil/aero, biomedical, and oil & gas industries.**

As a leader in the fiber optics industry, we have built solid fundamental technologies in measuring insertion loss, return loss, absolute optical power, polarity, and modal distribution. We offer broad solutions whether your needs are measuring insertion and return loss for your fiber optic cable assemblies in production or verifying that your components meet rigorous environmental testing requirements in your Research & Development laboratory.

OptoTest is a woman-owned small business with a rich tradition of developing breakthrough products and innovative solutions for the testing and analysis of fiber optic components and systems.



## CUSTOM-TAILORED PRODUCT SOLUTIONS INCLUDING:



Optical Power Meters



LED / Laser Sources



Insertion Loss Meters



Return Loss Meters



Discontinuity Analyzers



Launch Condition Analyzers



Fiber Optic Cable Assemblies



Polarity Testing

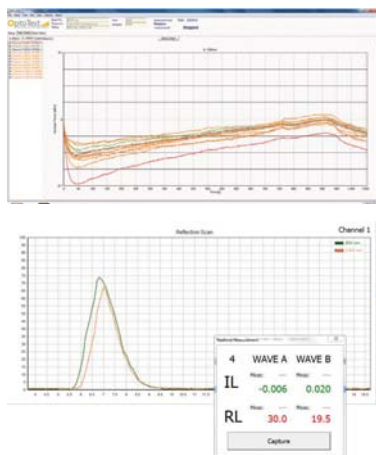


## WHERE OUR EQUIPMENT IS USED:

- Fiber Optic Cable Production/Validation
- R&D Labs
- Environmental Testing
- Tensile Testing
- Shock and Vibration Testing
- Passive Component Testing

## TECHNOLOGY

OptoTest is a technology company and has based its success on fundamental fiber optic know how, electronics expertise, and instrumentation integration. Fast R&D cycle and flexibility are the hallmark of the technical team at OptoTest.



## THE CORE TECHNOLOGIES OF OptoTest ARE:

**Optical Power measurement:** OptoTest has in-depth know how in creating sensitive and low noise circuitry and equipment for optical power measurements exceeding sensitivities of -90dBm.

**Single ended time-of-flight return loss measurement:** OptoTest has pioneered and perfected the single ended return loss measurement for both multimode and single mode optical fibers. This technique and its circuitry is company proprietary and guarded well as to provide a technological advantage.

**A rich set of support software:** Designed and maintained in-house and available to the customer as part of the service provided by OptoTest. Having this technological flexibility is a key ingredient to OptoTest approach to the market.

Distribution in the UK & Ireland



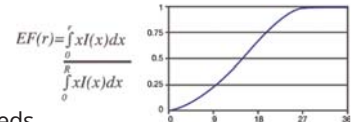
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## CUSTOM-TAILORED EQUIPMENT

At OptoTest we have the ability to create customized test solutions to meet even the most strict customer requirements, either through modifications to our existing product line or through development of new technologies. Customization options include:

- Large core fiber, e.g. 100µm, 200µm, POF
- Special launch conditions, e.g. 70/70, M90, EF
- User-specified LED and Laser sources
- Product development to meet specific customer needs



Equipment customization is based on our main technology principles and our ability to understand our customers' testing challenges.

## STANDARDS INVOLVEMENT

OptoTest staff are members of, and attend meetings held by, the following Standards Committees / Technical Organizations: **TIA | IEC | OSA | SAE | ARINC**

## COMPANY DATA

**OptoTest Corporation – A California S Corporation**

SAM Registered

Woman-Owned Small Business

< 50 Employees

ISO 9001:2015 Certified

**DUNS:** 15 286 3374

**Cage Code:** 5GTE2

**NAICS Codes (All designate OptoTest as Small Business):**

333314, 333318, 334516, 334519, 335921, 335999, 541330



## CONTACT INFORMATION

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Distribution in the UK & Ireland



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