



ISO/IEC 17025

BLQ ENV-Test: IEC Qualified Laboratory, Inspection, and Measurement Services

ISO 9001 and EN 9100 registered; comprehensive test plans, reports, and documentation IAW customer requirements

Environmental testing, consisting of the complete range of mechanical, electrical and environmental stress factors that affect electronic equipment, cabling, and systems is now available from BLQ ENV-Test, Glenair's IEC/IECQ certified independent testing laboratory, offering accelerated lead times—from initial quoting to final test report delivery.

Electrical	Insulation · High Voltage Dielectric Test · Resistance Current · Partial Discharge · EMC Shielding
Ethernet/Optic	Ethernet Certification · Optical Insertion Loss / Return Loss Photonic / Color / Lux Intensity Measurement
Environmental	Heat · Cold · Thermal Shock · Humidity · Ice · Salt Spray Low Pressure · Fluid Test · Seal and Pressure
Mechanical / Dynamics	Vibration · Mechanical Shock · Compression Force Tensile Strength · Torque Force · Release Mechanism Test
Leakage	Oil Leakage · Air Leakage · Helium Leakage Watertightness IP67 and IP68
Metrology and Dimensional	Dimensional · Profile Measurement · Thread Measurement Hardness Testing · Roughness Measurement
Rubber and Plastic Materials	Density Measurement · Compression Set · FTIR · Hardness Elongation at Break · Tensile Strength · Dielectric Breakdown
Plating	Elemental Composition of the Plating Metallographic Section Plating Adhesion and Corrosion · X-Ray Measurement
Harnessing	Automatic Test of Insulation · Resistance Dielectric Withstanding Voltage

- **Mechanical / dynamic testing for both electrical and fiber optic components, subsystems, and wiring harnesses**
- **Automatic testing of harnessing with scientific root cause analysis**
- **Fast turnaround on quotes and testing services**
- **Decades of experience**
- **Unique expertise in high-voltage (partial discharge) testing**
- **Professionally prepared test reports supplied for every project**
- **Ample in-house resources for both small and large-scale equipment test plans**





TEST CAPABILITIES OVERVIEW

BLQ ENV-TEST IS AN INDEPENDENT DIVISION OF GLENAIR ITALIA

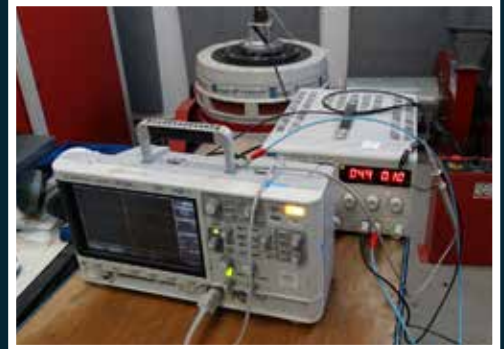
ELECTRICAL TESTS



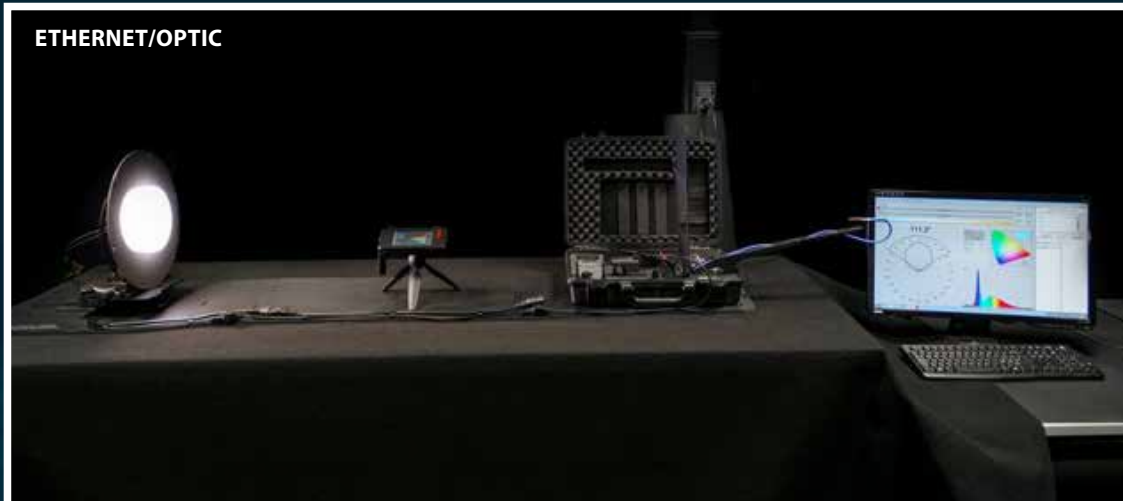
ENVIRONMENTAL TESTS



MECHANICAL TESTS



ETHERNET/OPTIC



INSPECTION



METROLOGY

