



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

**E**nvironmental 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.

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

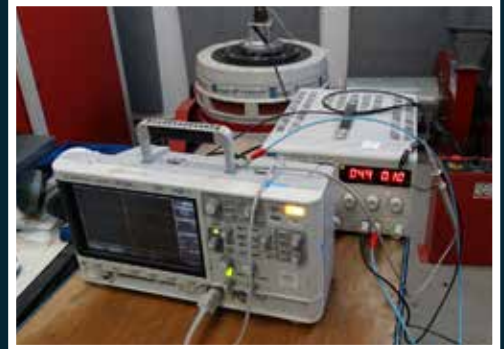
**ELECTRICAL TESTS**



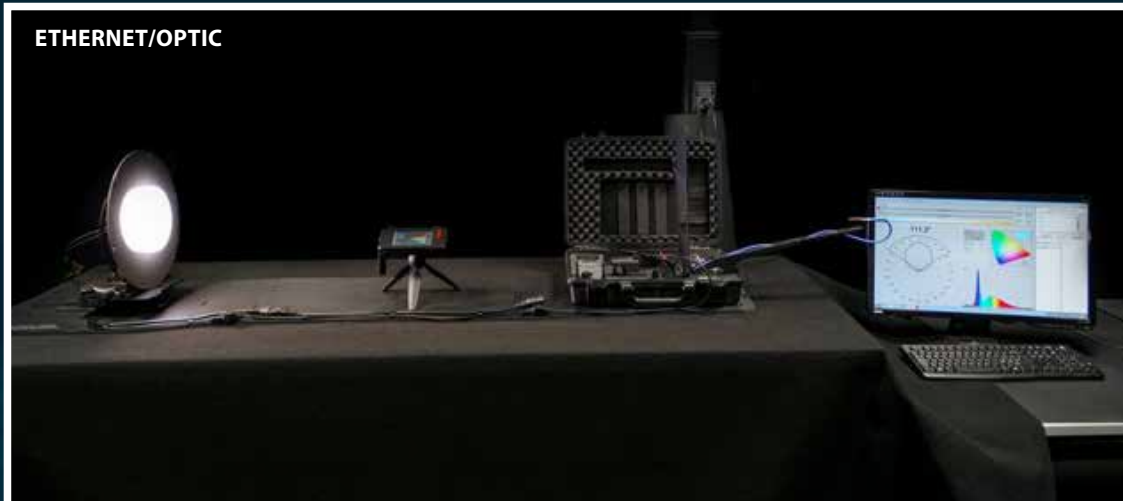
**ENVIRONMENTAL TESTS**



**MECHANICAL TESTS**



**ETHERNET/OPTIC**



**INSPECTION**



**METROLOGY**



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