



RELIABILITY TESTING

SIMULATING REAL LIFE ENVIRONMENTS

THE CHALLENGE

Products failing to perform reliably in their intended working environment gain a high profile from time to time with television programs and newspaper reports frequently highlighting products which are unreliable in the field. Everyone experiences products that do not have the durability expected of them, generating a resolve not to make the same purchasing mistake twice. Brand reputations can be won or lost through environmental performance, and performance costs.

To remain competitive, as a manufacturer or as a retailer/importer sourcing private label products, you will be looking to extend your warranty terms and to verify your products will function effectively over their expected life. And with global supply chains and growth in online retailing, the importance of simulating the package in transit is a critical success factor.



Move Forward with Confidence

**BUREAU
VERITAS**

OUR SOLUTION

END USER UNDERSTANDING

Our testing process begins with understanding the product from your point-of-view; where will the product be marketed, who will use the product, what are your performance, quality and reliability expectations?

RATIONALIZED TEST PLAN

Avoid failures and delays to market acceptance with the answers help us to identify the regulatory barriers and to develop a rationalized Environmental Test plan for your product in your target markets, saving you from retesting for each market you will be selling into..

TESTING

Consequently, the appropriate testing is performed so you can sell, manufacture, or distribute your product anywhere in the world with confidence.

TECHNICAL SPECIALISTS

Our engineers can also help advise on root cause of product failures we may encounter during testing; validating your market release date is met and your customers' expectations are surpassed.

SERVICE OFFERING

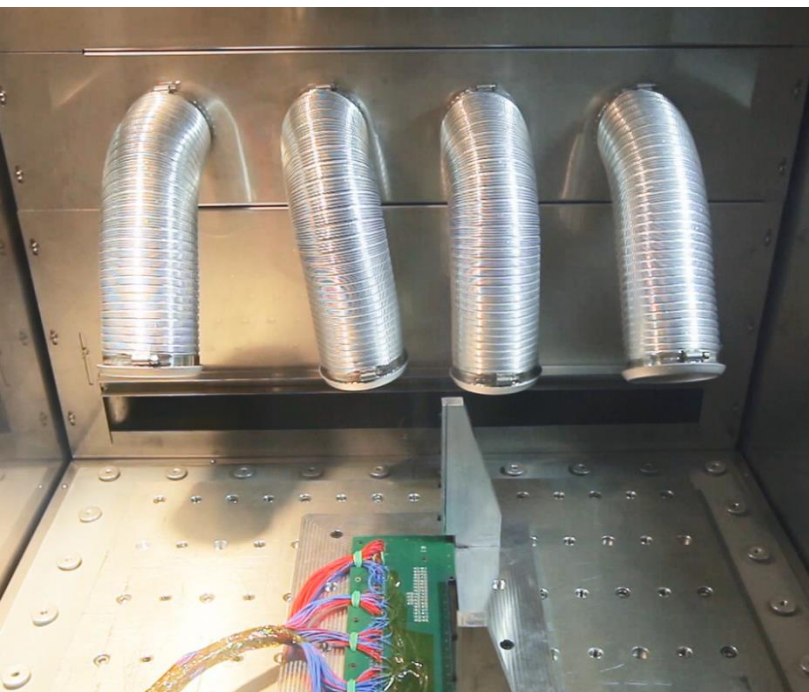
Our environmental simulation capabilities cover a wide range of mechanical and climatic conditions including:

- Extremely high and low temperatures;
- Large, swift variations in temperature;
- Blowing and settling sand and dust;
- Salt spray and salt fog;
- Very high or low humidity;
- Wet environments;
- Fungus;
- Vibrations (airborne and structural);
- Accelerations;
- Solar radiation; and,
- High and low pressures

Benefits:

- Demonstrate to your clients and authorities that your product meets environmental requirements
- Reduce field failures
- Validate the packaging you use is fit for purpose and your product will arrive in functional condition
- Save on investing heavily in environmental test equipment, calibration, accreditations and staffing by outsourcing to a global leader

RELIABILITY TESTING IN ACTION



OUR VALUE

- **Network:** Strong Americas Footprint & Global Network
- **Scale:** 1,000+ highly skilled personnel | 400+ test environments worldwide. 200 personnel in USA.
- **Reputation:** 100+ accreditations / recognitions | Competent in all key wireless technologies & regulatory requirements for 200+ territories
- **Segment Leadership:** Address all key technology markets (Electrical/Electronics, Automotive & Wireless) with active participation in all key technical / industry working groups
- **Complete Service:** Conformance, Performance and Regulatory, Smart Payment & Cybersecurity. Fast Access to 200 Countries/Territories

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