

## Shipping Environment Monitoring, Evaluation, & Characterization

Based upon customer input Lansmont's Testing Services Group will recommend the appropriate monitoring approach utilizing field data acquisition equipment from Lansmont's Instruments product line. Shock, vibration, temperature, and humidity will be recorded during each monitored shipment. Five separate shipments will be monitored to assure a minimum level of statistical validity.

Lansmont will analyze the data from each shipment and immediately generate individual trip reports. Upon completion of all five monitored shipments, Lansmont will issue a summary report characterizing the specific distribution route. The information included in the summary report can be utilized for a number of objectives, for example:

- Creating new, or updating existing product/package test procedures
- Creating a historical database of distribution characteristics for comparative analysis
- Identifying possible trends/changes in the specific distribution channel
- Monitoring for peak events (drop, shock, vibration, temperature), which may subsequently warrant activities such as, claims, inspection, and/or design changes
- Creating performance standards for specific carriers

Optional distribution data archiving services are available via Lansmont's Internet-based **eTest**. Field data summary reports are made available for customer access via a secure, password protected portal.



### Lansmont will:

- Provide introductory customer screening
- Help define shipping environment to be monitored
- Recommend monitoring approach and schedule
- Provide programmed instruments to monitor five shipments
- Provide immediate individual trip data analysis and reporting
- Provide cumulative summary report characterizing the monitored shipping environment

Testing Services Group – 3 Locations to serve you.  
Lansing, MI • Sunnyvale, CA • Huntington Beach, CA

**1-800-LANSMONT • [www.lansmont.com](http://www.lansmont.com)**

ISTA Certified Laboratories • U.S. D.O.T. Third Party Hazardous Packaging Certification Agencies • Member: AAR, AIAG, ASTM, IoPP, SAE, NIPHLE

**Lansmont**  
Corporation