SPOTLIGHT ON FIELD-TO-LAB

One leading exhibitor is Lansmont Corporation, a company who's objective is to advance the emerging product fragility and packaging dynamics testing industry. Lansmont now operates multiple facilities, and is recognized as one of the world leaders in this specialized industry. Lansmont developed, applies and promotes the "field-to-lab" methodology. These solutions combine field data recording instruments with laboratory test systems, analyze techniques, and support services to reduce costs, improve product quality and assist with regulatory compliance.

The system can characterize a product's specific operating environment with accurate measurements of the precise dynamic inputs that may damage or diminish the useful life of a product. It can also recreate the potentially hazardous dynamic conditions in a laboratory environment, replicating actual field conditions.

The solution can apply analytical tools and techniques to make design enhancements, resulting in a more rugged product for the intended operating environment, and combine product and package characteristics to deliver a system that can confidently and economically meet the requirements of the distribution network.

Field-to-lab employs monitoring devices to ensure performance compliance with distribution handling and the protective design choices that have been selected.

Products are used in a wide range of industries—from bulk commodities to the aerospace and national defense projects. Lansmont's field-to-lab solutions are applied to many business activities including product design, quality control, reliability, transportation logistics and risk management.

Offerings include: The NEW SAVER family of miniature field data recorders, vibration test equipment, shock test equipment, drop test equipment, compression test equipment and data acquisition and analysis systems.

Over the years Lansmont Corporation has been very active within IOPC, ISTA, ASTM, NIPHLE and other industry organizations that formalize testing procedures that are now well accepted worldwide.

Web: www.Lansmont.com

1. Jentek will display its eddy current sensors for field monitoring
2. Lansmont will show its SAVER range of miniature data recorders
3. Lebow's TMS90000 torque measuring system provides analog, frequency and digital outputs
4. Olympus NDT's EPOCH 4PLUS flaw detector has a multi-color LCD
5. Data Physics will display an array of vibration test systems

PCB Piezotronics Inc will display an array of sensors specifically intended for various flight-testing measurement requirements. The sensors include piezoelectric charge, ICP, piezoresistive and variable capacitance DC-type accelerometers, microphones, pressure sensors and signal conditioners that support flutter test, load factor measurement, structural dynamics, cabin noise, engine vibration, acoustics and turbulent flow.

Exhibiting an array of systems, Global Test Solutions will present test and measurement solutions for research and development, manufacturing and maintenance. Tabor Electronics demonstrates high-sample rate waveform generators, amplifiers and ArCConnection software. Busec will exhibit high-density data acquisition and multi-instrument modules for applications from aircraft component testing to digital phones. Sefelec's offering will include safety testers and maintenance equipment for avionics and airframes. Schomandl is to showcase signal generation and measurement for communications testing.

A major exhibitor, Atec Inc, has 50 years experience in engine test support, designing, building and installing engine test cells, turnkey or modifications, for all engine types: Turbofan, turboprop, turboshaft, turboset, vectored thrust. Engine support equipment is provided for thrust frames, engine adapters, bellmouths, screens, dress gear and DAP/LC.

Manufacturer of industrial high-resolution remote visual inspection systems, Karl Storz will demonstrate its industrial equipment. The company offers a complete line of components.

Who to meet at Aerospace Testing Expo NORTH AMERICA

Waruna Seneviratne will speak and discuss: "Testing non-orthogonal composite materials for design and analysis. He specializes in structural and solid mechanics with an emphasis on experimental work on composite materials. Some of his previous research work includes composite aircraft crashworthiness and effects of manufacturing defects in composites and adhesively bonded struc-