

## TestLabProfessional™ - Now with USB!™

TestLabProfessional (TLP)™ is specifically designed to support the needs of packaging and product reliability laboratories in the performance of drop, shock, impact and vibration testing of their products, packaging materials and packages. Now with a USB interface which enables the user to install and set up the software quickly and easily!

### TEST WITH CONFIDENCE

TestLabProfessional (TLP)™ is a PC-Based data acquisition system designed to complement any drop, shock, and vibration package test system. TLP™ provides the ability to accurately capture, analyze, and provide quantitative results of your product and package testing. TLP™ is critical in assessing your packaged systems performance in the distribution environment.

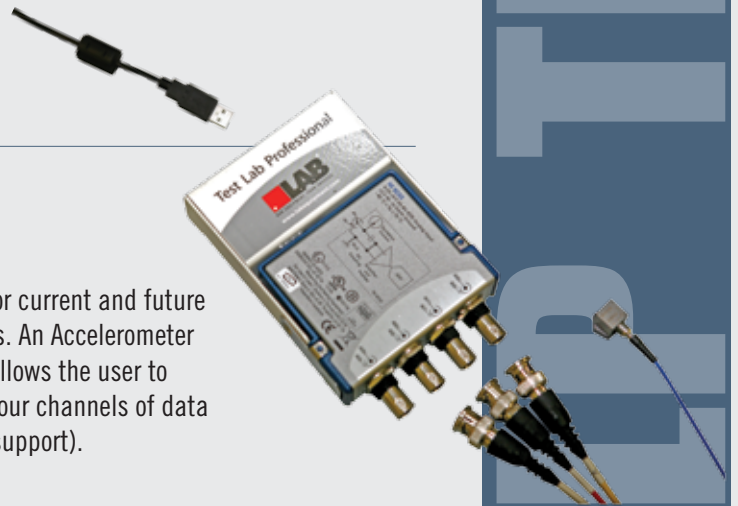
### TestLabProfessional (TLP)™ FEATURES

- Data acquisition and analysis system
- Provides 4-channel simultaneous data capture abilities
- Complete with hardware, accelerometer and cables
- (1) Single user TLP™ software license and distribution CD (includes software and user manual).
- (1) USB dynamic signal acquisition™ module (4 channels), with USB cable.
- (2) 20ft accelerometer cables (6m)
- (1) custom carry/storage case for accelerometer and cables
- (1) 1000 G (DS) or (1) 50G (V) ICP accelerometer
- Software upgrades and technical product support for 12 months

### TestLabProfessional (TLP)™ Operation

TLP™ features the use of test profiles, allowing the user to setup and record for current and future use, a number of different test scenarios representing common testing modes. An Accelerometer database stores all relevant information about the user's input devices and allows the user to quickly assign the accelerometers to data acquisition input channels. Up to four channels of data may be captured at one time into a data set (requires appropriate hardware support).

TEST  
With  
CONFIDENCE



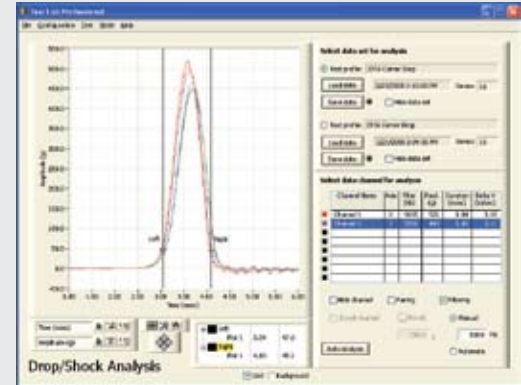
**AVAILABLE CONFIGURATION OPTIONS**

Drop & Shock • Vibration • Drop, Shock, & Vibration

Test lab Professional (TLP)<sup>™</sup> is a four channel PC-based data acquisition system designed to compliment our entire range of product reliability testing equipment. In addition to capture and analysis capabilities for shock, drop, and impact test data. TLP -V<sup>™</sup> also possesses a highly powerful and intuitive vibration acquisition and analysis capability for systems producing vibration within a frequency range of 1 to 500 Hz.

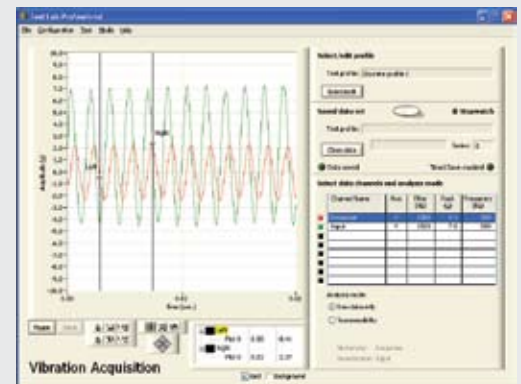
TestLabProfessional > **DROP/SHOCK**

- Complete Windows- based software for easy Drop/Shock test acquisition and analysis
- Peak G, Duration, and Change-in-Velocity analysis
- Single-axis, 1000g ICP accelerometer
- Manual or automatic scaling
- Zoom and Pan
- Auto Analyze for standard views
- Delta-V and Pulse duration auto calculate
- English or SI unit selection
- Supports test protocol sequences



TestLabProfessional > **VIBRATION**

- Complete Windows- based software for easy Vibration test acquisition and analysis
- All vibration waveforms: Peak G and Frequency analysis
- Discrete vibration waveforms: Peak G Transmissibility analysis
- Random vibration waveforms: Power Spectral Density (PSD), instantaneous or average, and PSD Transmissibility analyses
- (1) Single-axis, 50g ICP accelerometer
- Logarithmic or linear scaling
- Zoom and Pan
- View raw data and analysis simultaneously
- Save data samples manually or with one-shot stop watch timer



**Hardware Channel / Accelerometer Selector**

Available Accelerometers:		Hardware Channels:				
Manufacturer	Serial Number	Physical Channel	Manufacturer	Serial Number	Channel Name	Axis
PCB	16978	1	PCB	16978	Channel 1	X-axis
PCB	101837	2	PCB	101837	Channel 2	Y-axis
PCB	113116	3				
PCB	113117	4				
		5				
		6				
		7				
		8				

Accelerometer Description:

Manufacturer: PCB      Sensitivity (mV/g): 4.820      DAQmx Physical Channel: 1 Dev1/ai0

Serial Number: 113117      Full Range (g): 1000      Channel Name: Channel 1

Description: 353B11      Next Calibration: January 29, 2008      Axis: X-axis

Notes:

OK      Cancel