imada.com ®

FORCE & TORQUE MEASUREMENT
ISO 9001 & ISO/IEC 17025 ACCREDITED

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Capture 2,000 Data/Second not just the peak!

Force Recorder
Force Data Analysis Software

Light: ZT-RL
Standard: ZT-RS
Pro: ZT-RP

- Capture 2,000 data/sec not just the peak from a high data processing rate
- Zoom in to examine important details
- Select expand and analyze a critical part of the graph
- Generate statistics for all or part of the graph
- Detect first peak
- Compare and align multiple graphs
- Export data as CSV

Force Recorder force analysis software interfaces with Imada ZT force gauges. Program, save or import saved gauge settings from the software.

Force Recorder captures and processes 2,000 data per second not just the peak from a high data processing rate and generates force vs. time profile graphs with statistics. In addition, Force Recorder Pro captures force vs. displacement data using a ZTA gauge and Imada FA test stand.
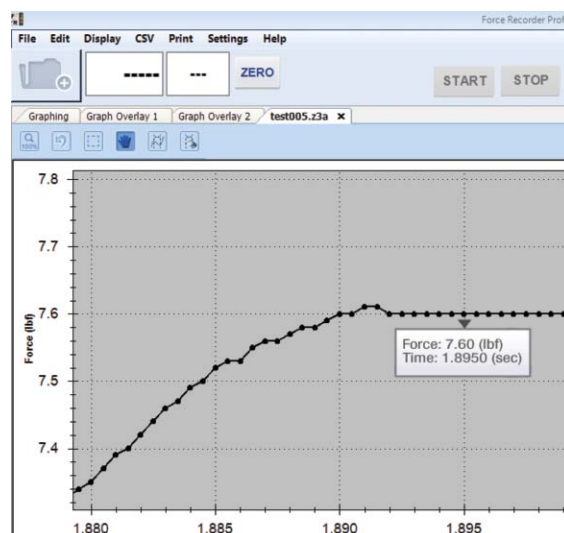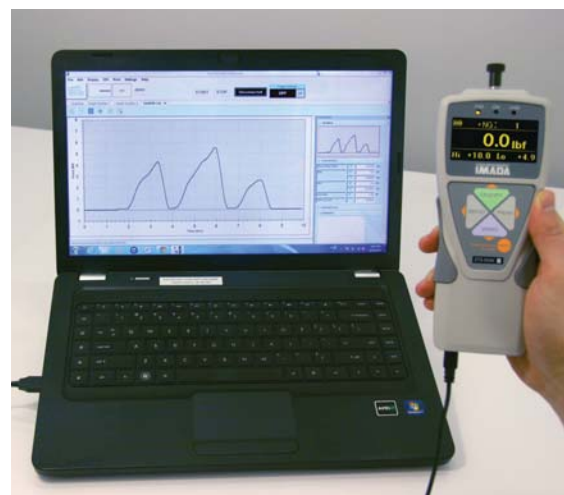
Zoom into any part of the graph to see individual data points at intervals of 0.5 mS. Mouse over data points to display their force value.

Further analysis can be done on the entire range or by selecting part of the graph to detect the first peak or generate statistics within that time interval. Compare and align multiple graphs. Save graphs or export data to CSV format.
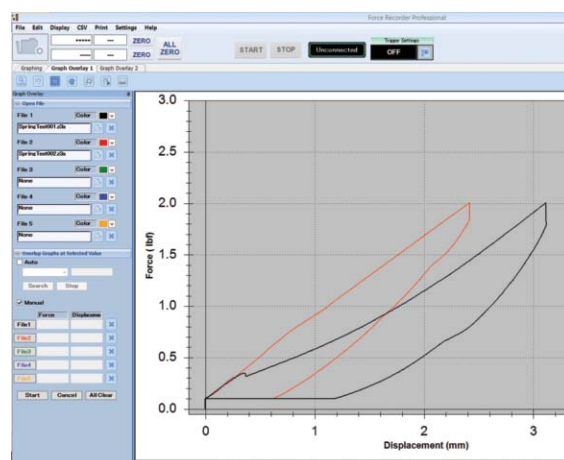
Force Recorder offers a new toolbox to analyze force data.

Hardware/Software Requirements

OS: Windows XP, Vista, 7, 8 (32bit/64bit)
CPU: Pentium 4 (1GHz or higher) or later
RAM: 2GB or greater
Hard Disk: 10GB minimum (dependent on test variables and duration)
Supported Platform: .NET Framework 4.0 Client Profile or later
Display Resolution: 1024 x 768 or greater
Force Gauge: Digital Force Gauge ZT series
Port: USB 1.1 / 2.0 (Not compatible with USB 3.0)

Zoom in to examine actual data points at 0.5mS intervals.
Mouse over shows force vs. time values or force vs. displacement

Force Recorder Features			
Version	Light ZT-RL	Standard ZT-RS	Professional ZT-RP
Graph Type	Force vs. Time	Force vs. Time	Force vs. Time, Force vs. Displacement
Data transfer rate	2000 data/sec	2000 data/sec	2000 data/sec
Maximum Data Points	7.2 million	7.2 million	7.2 million
Graph Overlay Function	—	●	●
Trigger Function	—	●	●
Point Marking	—	●	●
Border Line Function	—	●	●
Graph Editing	—	●	●
Graph Navigation	●	●	●
Statistics Output	●	●	●
Comment Function	●	●	●
Note Function	—	●	●
Print	●	●	●
Program Gauge Functions	●	●	●

Overlay multiple graphs.