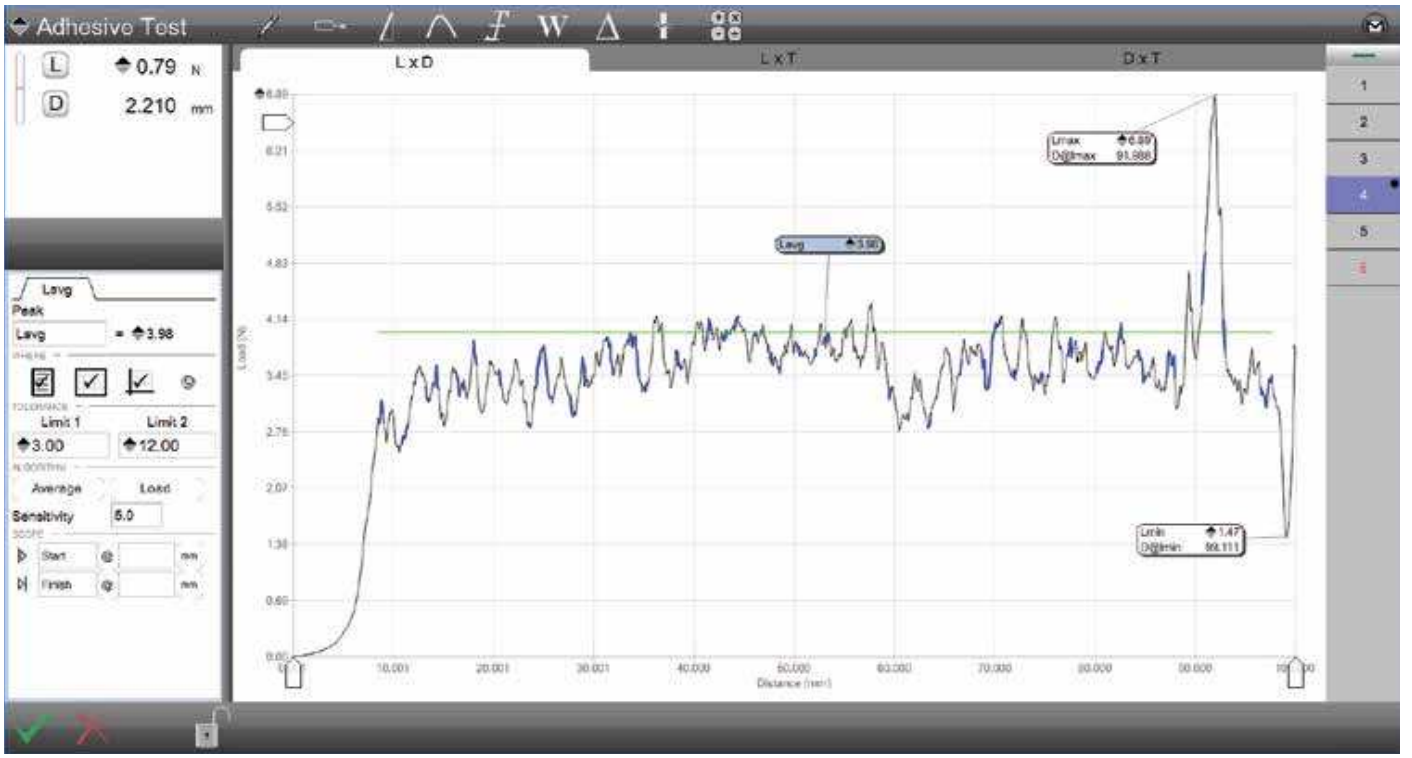
L2 Plus Software



Full Graph of Adhesive Peel Test
Displays Maximum and Minimum load values plus average of qualified Peaks using Sensitivity adjustment

L2 Plus Software - for Advanced Force Measurement & Analysis

Used with FMS and FMD Series force testers, L2 Plus Series software is designed for advanced force measurement and analysis. It has been optimized for quality control and engineering personnel. Operating on an all-in-one L2 Plus Workstation, it can be use for tensile, compression, cyclic, flexural, peel, friction and shear testing. Test setup is easy and graphical. Tests are created using a suite of test step types with each step having attributes that you configure including limits, step speed, etc. Once your test is created, you perform the test and L2 Plus displays a large graph of your test data. Next, use the many analysis tools to measure and display results, e.g. points, slopes, minimums, maximums, peaks, valleys, averages, rates, etc. Display results on the graph or in data tables complete with tolerances. Tabular results can include statistical w. A set of standard reports can be printed for graphs, tables, statistics, tolerances and more.

Features & Specifications

- Ideal for tension, compression, flexural, cyclic and shear testing applications
- Create test setups graphically using steps, configure individual steps with their limit, speed, exceptions
  - Create custom single-step or multiple-step test setups or based on internationally accepted test standards from ASTM, ISO, DIN, TAPPI and others
- Measure results from your graph using a variety of analysis tools:
  - Points
  - Slopes
  - Peaks & Valleys
  - Minimum/Maximum
  - Averages
  - Delta
  - Rate
  - Break
  - Work/Energy
- Display results graphically or using Data Tables
  - Incorporate Tolerances
  - Calculate statistics
  - Export results automatically or on-demand as .csv files

Features

Common Test Setup Architecture

L2 Plus Systems employ a graphical test building methodology. All test methods have four stages:

- Pre Test stage
- Test stage
- Data stage
- Post Test stage

Create Any Test Using Simple Steps

The Test stage uses a suite of test steps let you build a test method that exactly performs to an international testing standard or to your unique requirements.

L2 Plus test steps are:

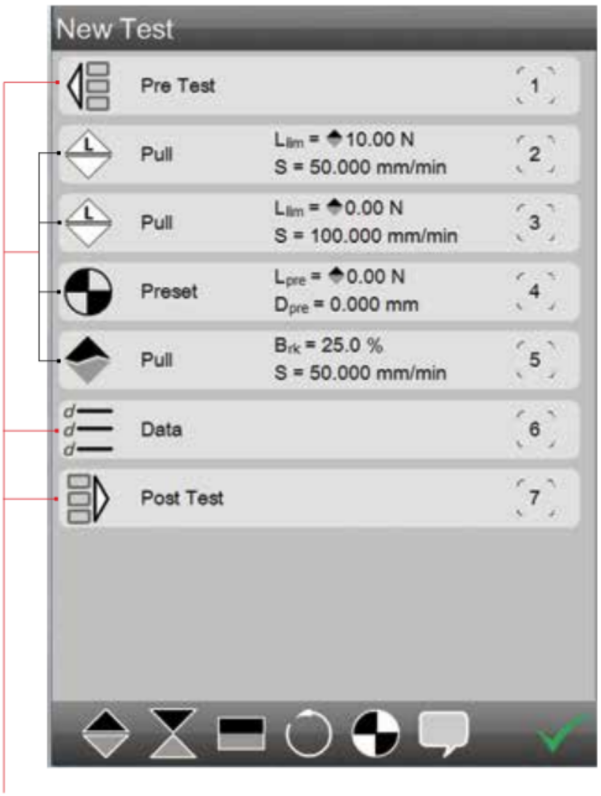
- Tensile Steps
- Compression Steps
- Hold Steps
- Cyclic Steps
- Prompt Steps

All step types have attributed and options that instruct how the step is to be performed.

Measurements and results available using L2 Plus

- Absolute Peak
- Average Value (All Peaks)
- Average Value (Selected Peaks)
- Average Value (All Valleys)
- Average Value (Selected Valleys)
- Average Results (Regions)
- Break (Load)
- Break (Load/Extension Rate)
- Break (Load/Strain Rate)
- Break (% Maximum)
- Coefficient of Friction
- Delta Creep
- Delta Relaxation
- Initial Peak
- Initial Valley
- Height
- Hold Preset Point
- Hysteresis Loss
- Minimum/Maximum/Averages (Load, Distance, Height)
- Slope Intersect
- Spring Rate/Constant
- Total Creep
- Total Relaxation
- User Calculations
- Work

... and more



Test setups are comprised of four stages: Pre Test, Test, Data and Post Test.

Minimum System Requirements

Operating System
Microsoft® Windows® 7 or higher (64 bit)

Display
23" Full High Definition (1080p) LED Display with Touchscreen

Memory
4GB Dual Channel DDR3 1600MHz - 1 DIMMs

Storage
1TB 7200RPM SATA 3.0Gb/s Hard Drive