LD Series
2-in-1 Tablet

Force Testing Made Easier

The LD Series tablet is designed for users who are looking for an easy, reliable, digital force testing solution where no knowledge of programming language is required.
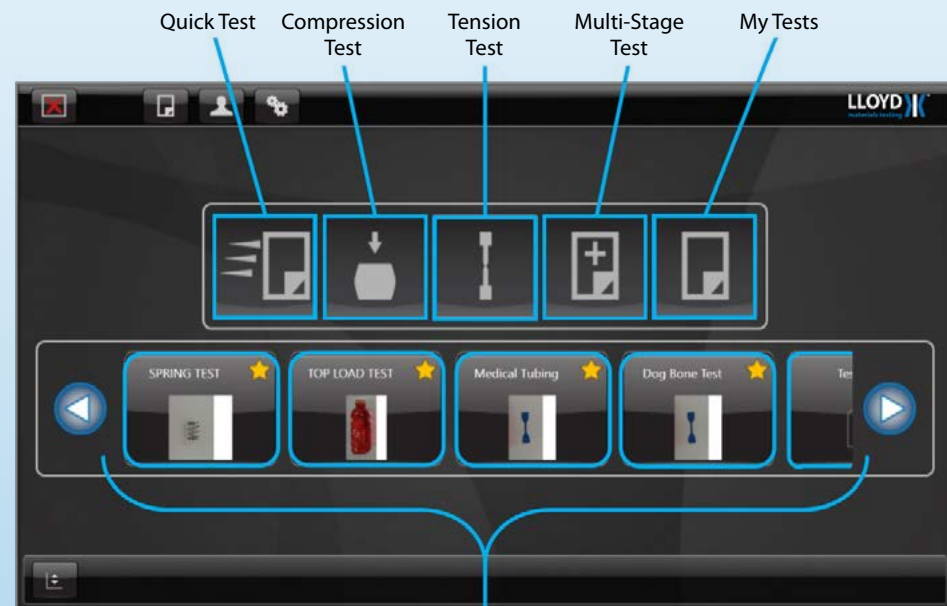
The tablet is intuitive to use and is optimized for testing materials in routine applications that require the measurement of peak loads and breaking loads. The LD Series tablet makes your everyday testing both quicker and easier.

A 2-in-1 Tablet with Built-in Flexibility for Production and Lab Environments

When combining the optional tablet with the LD Series, the LD Series is turned into a stand-alone test machine with no need for a personal computer or propriety software. The 13-inch touch screen ensures easy and continuous operation in a production environment. It is easy to operate, making it the perfect interface for users regardless of their skill level. A few touches are all it takes to set up a test, select the test runs, and export reports. Use the tablet installed next to the column or removed and placed next to the LD Series.

With the LD Series Tablet you can:

- Define your favorite, frequently used tests for immediate access and insert a sample picture as an Icon for unambiguous test selection.
- Rapid access to test programs, test results, test graphs, and statistics.
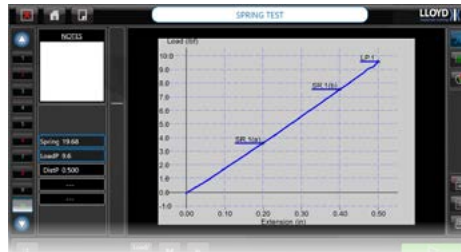- Print and export data directly from the screen or use automatic data archiving.

Quick Test Compression Test Tension Test Multi-Stage Test My Tests

Favorites

Tests **Features** & Functionality

Key Features

▶ **Force testing made easy**
Ideal for applications that do not require an extensometer. Accurate results, easy programming, maximum throughput and minimal operator training.

▶ **One-click operation**
Simple and intuitive; with one-click access to favorite tests, as well as test results.

▶ **Modern design & technology**
13-inch 2-in-1 Laptop Console and easy to use, touchscreen or keyboard.

▶ **Sample testing and quality assurance**
Immediate pass/fail output, automatic data export, controlled access levels and barcode scanning functionality

▶ **Security**
Two levels of user access: supervisor and operator. Both can be password protected

▶ **Plug & play**
A self-contained 2-in-1 Laptop Console using Windows 10 Pro. Just turn on the power and you're ready to start your test.

Switch between load and distance view in graph mode. Add notes to tests.

View batch test results. Exclude non-compliant test runs.

Choose statistic results to display for complete batch tests.

Specify your desired time interval or number of test runs before auto-archiving.

Test Results

View test results as a graph (single result) or in a tabular format showing multiple test results. Simply select the results (up to 5) you want displayed. Select from the following results:

- Peak load and extension
- Break load and extension
- Average Load
- Spring Rate

For results such as stress, strain and modulus our optional NEXYGEN*Plus* software provides a complete suite of materials testing methods based on ASTM and ISO methods.

Saving, Archiving, Exporting Data

The software automatically saves test results, and gives users the ability to recall previous tests to analyze or to continue testing a batch run.

Test results are stored as CSV and PDF files, and the software supports exporting to a USB device, a local or remote drive, via an Ethernet connection (with an optional USB to Ethernet Adaptor), or by WiFi communication. In addition, the software features a standard report in PDF format that can be saved or printed directly from the Laptop Console. The PDF report automatically incorporates the test parameters, results, statistics selected for the test, and even your company logo.

The LD Series Tablet also boasts an auto-archive function. To secure your data the system can be configured to archive your results in the same manner as exporting a CSV file. Just specify the frequency of your Auto-Archiving, and it's done.

Ordering Information

Part Number	Description
01/5041	LD Tablet with mount assembly, USB cable and cable management kit
01/5042	NEXYGEN*Plus* and LD Tablet with mounting arm assembly, USB cable and cable management kit

For detailed specifications
go to the Data Sheet at ametektest.com

LLOYD)|(™
materials testing

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