



Lloyd NEXYGEN MT Application Software

Materials Testing Software

NEXYGEN MT software provides a virtual testing laboratory. The software offers a full compliment of testing categories with multiple test types within each category complying with industry and international testing standards. Setups remain easy and users can fully configure a test using a menu driven approach that guides them in a logical, intuitive, step-by-step manner. Like the other NEXYGEN packages, NEXYGEN MT software presents test results in tabular and graphical formats.

Test Setup

- Customize data formats and setup preferences for tables, graphics, colors, fonts etc.
- Move columns and rows and rename headings to correspond with your nomenclature.
- Control test system operations from a graphical interface that corresponds with the test machine in use.
- Configure the test using a standard test setup template, which is pre-formatted for each test type.
- Specify and select from a menu, the attributes that are important for a particular test.
- "Extra Results" can be established before the test is performed. This information can be displayed as text, (yes/no) or numerical values.
- "Auto recognition" of Mitutoyo Digimatic gauges.
- "Test Quick Starter" allows the user to start and complete a test with only one click of the mouse or by depressing the space bar.
- Automatically print results in a pre-configured report format after each test.

Results Presentation

- Provides graphical presentation of test results, making use of markers to denote specific points such as preload and breakpoint.
- Magnify any portion of the graph for detailed information.
- Select and reposition the trace within its axes or transfer the trace from its origination onto a report.
- Overlay the trace from one test onto another for comparison.
- Establish a trace as your "reference" against which all other tests for a batch can be compared.
- Columns containing numerical data can be configured for Pass/Fail. If data is recorded outside a configured limit, the row is highlighted for easy identification.
- "Show Pass/Fail" option allows the user to enable or disable the feature.
- Xbar/Range and Histogram functions for advanced statistical analysis.
- Display Xbar/Range for batch tables containing pass/fail limits.
- Change the way NEXYGEN MT software displays results information. Alternately, display information in histogram format.

Windows Integration

- Create reports easily using Microsoft Word, Excel or Access.
- Design Word templates so that NEXYGEN MT software populates the template to create customized reports.
- Report generation can be prompted by the user or by the software based on an event.
- Seamless OLE2 integration with Microsoft programs enables rapid, easy exporting of information and data exchange across to other applications.



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Basic Software Suite

Upgrades for Advanced Testing

- Fully customize your NEXYGEN MT software tests using Ondio Application Builder Software

Features

- Multi-tasking operation is simple to setup and operate
- Interfaces directly to your LLOYD INSTRUMENTS or CHATILLON universal test machine
- Library of tests and testing categories
- Seamless OLE2 integration with Word, Excel, Access, PowerPoint and Outlook
- Graphical and tabular results with customized presentation
- "Quick Starter" starts test with one key press and indicates "Pass/Fail"
- Querying of tabular results
- Mathematical calculations including common statistical operands
- SPC functionality without SPC knowledge
- Customize with Ondio Application Builder software
- ISO 9001 TickIT accredited
- Advanced security and audit trail feature
- Can be used with the Batch Tester to create a semi-automatic or fully automatic testing system.
- Includes LabView-NEXYGEN interface

System Requirements (Minimum)

- Pentium 2 Processor, 400 MHz
- 128 MB RAM
- 250 MB Hard Disk Space
- 1 Free COM Port, with 16550 UART
- CD ROM Drive (For Installation)
- Monitor, with resolution 1204 x 768 or higher

