

» **Seamless integration**

– results transmitted from hardness tester to PC for data analysis and documentation

» **Comprehensive documentation**

– direct export of test data to Microsoft Excel or other OLE-2-compatible files

» **Security**

– secure access using USB key

» **Flexibility**

– upload test data from any digital tester upon request or automatically

» **Customizable**

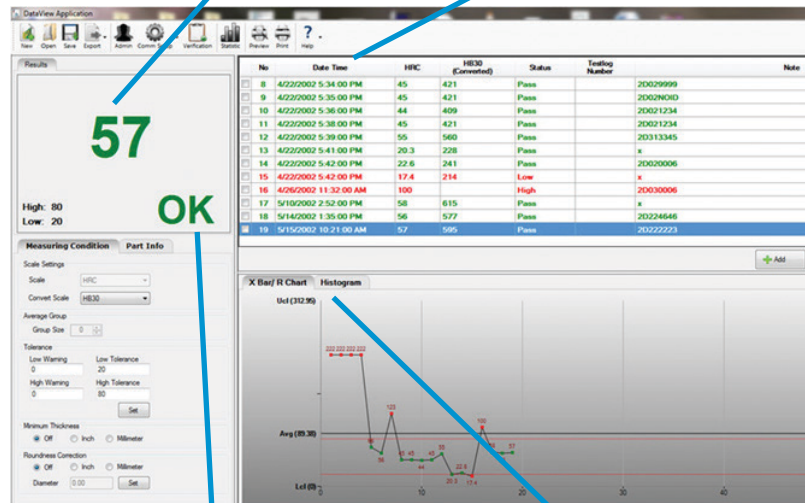
– choose display views (up to three test result files)

» **Powerful analysis**

– Average, Min/Max, Range, Std Dev, CpK, Lcl, Ucl

Current test result

Time-stamped history



Tolerance result

Switch between control chart and histogram

Hardness test data acquisition made easy

DataView software is an easy-to-use data acquisition utility that is compatible with all Newage or competitive hardness testers having an RS232 serial data output and capable of ASCII transmission. DataView is developed to enhance the capabilities of hardness testers by allowing you to transfer test results directly to a PC for real time, on-screen data management.

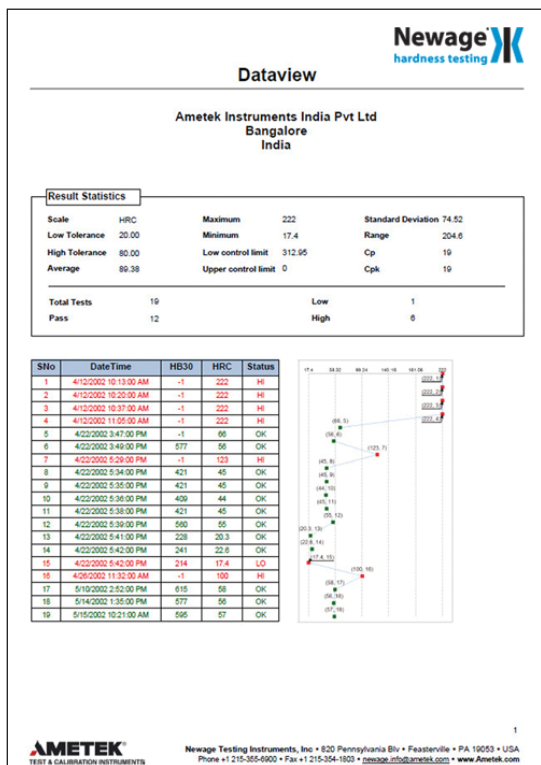
DataView allows seamless integration for transmitting hardness testing results to a PC for data analysis and documentation.

Getting to know DataView

The DataView software permits documentation of many parameters and up to ten user-defined fields. Access to the software can be security protected so that only authorized users have access. The software is used to select the primary hardness scale you are testing and can perform automatic hardness scale conversions. User-defined scales can also be created.

Tolerances can be established for developing statistical calculations for HI, LO and OK indications. X-Bar and R Charts can be used to plot high and low test results. Results can be displayed or printed. Pre-formatted report layouts are supplied including a data printout (with or without user notes), X-Bar Charts, R Charts, and Histogram.

The View Menu is used to display up to six different test attributes on your screen: X- Bar/R chart, Histogram, Tile, Auto Tile, Tool Bar and Status Bar. These attributes can be used to customize your screen as well as to display test results. Users may “tile” up to three individual test files.



Comprehensive reporting includes data table reports, X-Bar/R Charts and Histograms.

Minimum system requirements

- Windows 7 and Windows 8
- Intel Pentium or compatible, 1.4 GHz minimum (2 GHz+ recommended)
- One serial or USB port
- Hardness Tester with RS232 output with data string in ASCII format



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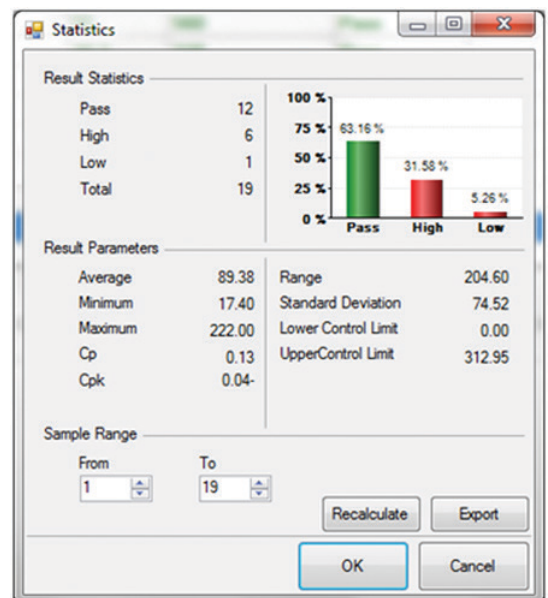
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Statistical results are calculated in real time.

Test setup options include the ability to utilize averages on multiple tests of an individual sample. The average result plus the corresponding individual test results are saved. Round correction can be used for Rockwell Scales only when testing cylindrical surfaces per ASTM E18 Tables 11-14. Minimum thickness requirements can be established based on ASTM E18 Tables 7-10.

Manual mode permits a user to manually enter test result data. A User Prompt can be used that requires the test operator to enter a notation for each test upon completion or to enter a note when a test result is edited or deleted.

DataView also includes a Verification Mode that automatically performs a periodic calibration verification of your hardness testers according to your unique needs.

Ordering information

Model	Description
DV-X1B	DataView Data Acquisition Software Package with RS232 interface cable

www.hardnesstesters.com

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