

HARDNESS TESTING MACHINES FULL-LINEUP



Test Equipment



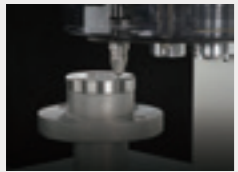
HARDNESS TESTING MACHINES LINEUP

Tests hardness.
A wide variety of hardness testing machines are available for quality control. The line-up includes affordable to high-end models that can be selected to meet your application.

Vickers Hardness Testing Machines

HV-110A/120A

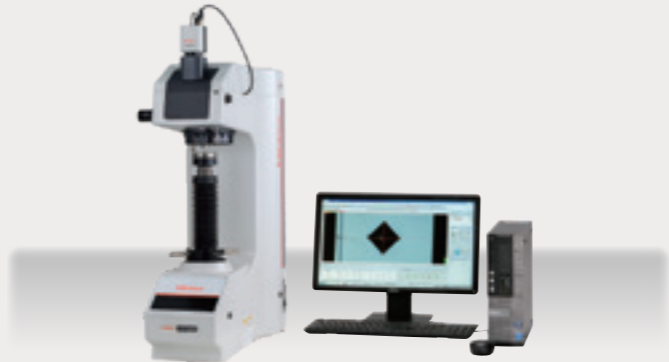
Vickers Hardness Testing Machine



Easy-to-operate Vickers hardness-testing machines that allow for testforce switching on a touch panel.

HV-110/120 Series

Vickers Hardness Testing Machine (Automatic Type)

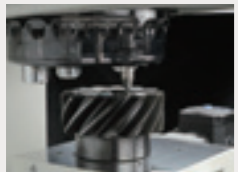


Reduces person-to-person variation and increases test efficiency by automating measurements of indentations and stage movement.

Micro Vickers Hardness Testing Machines

HM-210A/220A

Micro Vickers Hardness Testing Machine



Instruments with integrated calculations and an electromagnetic loading mechanism for setting a desired test force.

HM-210/220 Series

Micro Vickers Hardness Testing Machine (Automatic Type)



Reduces person-to-person variation and increases test efficiency by automating measurements of indentations and stage movement.

HM-100 Series

Micro Vickers Hardness Testing Machine



Basic micro Vickers hardness testing machine models for visually reading indentations.

Rockwell Hardness Testing Machines

HR-200/300/400 Series

Rockwell Hardness Testing Machine



The line-up offers digital display type and analog display type Rockwell hardness-testing machines.

HR-530/530L

Rockwell Hardness Testing Machine



Rockwell hardness-testing machines with a unique structure that allows for testing the hardness of the inner surface of a workpiece without cutting it into pieces.

HR-610A/620A

CNC Rockwell Hardness Testing Machine



Allows a large and heavy workpiece to be tested without being cut into pieces. A motorised X-axis stage (optional) has been installed to support automation.

HR-620B

CNC Rockwell Hardness Testing Machine



A motorised Y-axis stage is included as standard. A fully-automated Rockwell hardness-testing machine can be built, including the workpiece transfer process.

Rebound-Type Portable Hardness Tester

Pocket Vick HH-V400

Rebound-Type Portable Hardness Tester



Enables metal hardness testing with a single touch. Dramatically improved functionality and operability, with colour LCD display, enhanced statistical calculation function, and more.

Durometers for Sponge, Rubber, and Plastics

HH-300 Series

Portable Hardness Tester



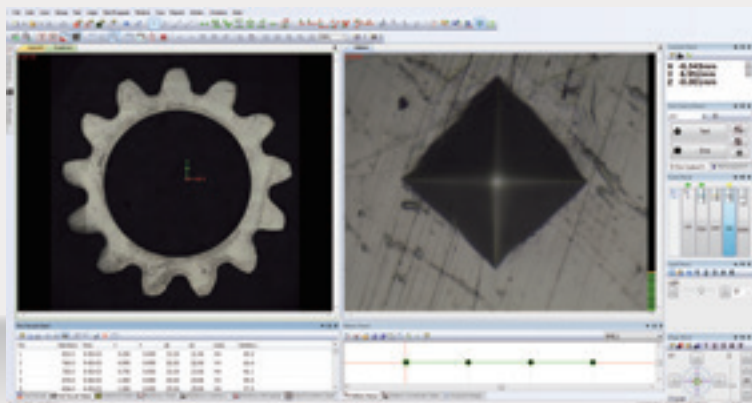
Hardness testers for testing sponge, rubber, and plastic materials by simply pressing the probe against the workpiece.

HARDNESS TESTING MACHINES LINEUP

Software/Options

AVPAK

Software for Hardness Testing



Software for workpiece image capturing, automatic measurement of indentations, automatic continuous testing with a specific pattern, testing machine control for efficient testing of multiple workpieces, result evaluation, and report creation.

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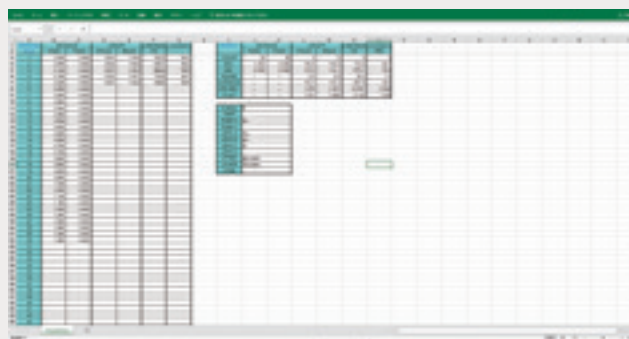
Software for External Control



An automation system can be built by connecting the software to hardness-testing machines. (HV-110, HV-120, HM-210, HM-220 and HR-600 Series)

EXPAK

Data Processing Software for Hardness Testing



Measurement results from a hardness-testing machine can be imported to spreadsheet software.

EXCEL is a registered trademark of Microsoft Corporation.

Please contact your local Mitutoyo Sales Office for more details

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Coordinate Measuring Machines

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Sensor Systems

Test Equipment

Digital Scale and DRO Systems

Small Tool Instruments and Data Management