Rockwell
Brinell
Micro / Vickers / Knoop / Case Depth
Universal
Portable Hardness Testers
Ultrasonic Hardness Testers
Special Scale Hardness Testers
Accessories
Durometers/IRHD Hardness Testers for Polymers
About Qualitest

Qualitest is a global supplier of testing technologies that helps customers improve their design, development, and manufacturing processes. Together with the WorldofTest.com network, our mission is to help our customers produce the highest quality products faster and at a lower cost. A leader in offering the widest range of precision hardness measurement tools on the market, Qualitest leverages extensive industry experience to provide products that accurately determine the hardness of metallic and non-metallic materials. These solutions include portable and low-cost hardness testers as well as benchtop and sophisticated systems to meet your highest demands. Qualitest also delivers leading-edge in-line hardness testing systems for higher volume and automated testing processes.

Qualitest has a rapidly growing presence worldwide, maintaining offices in USA, Canada, UAE, and Asia. By joining a wide network of sales and service partners, we ensure that our customers have fast and efficient access to Qualitest support and consulting services to realize the optimal return on their testing solution investments.

Qualitest offers after-sales service support directly or through our authorized and nationwide A2LA accredited and ISO17025 certified service centers.

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Qualitest provides the future in hardness testing with the Qness family of products. Qness stands for quality in hardness testing, with reliability and sturdiness that is built to last. At Qualitest, our staff are engaged, motivated, and experienced, supplying equipment that is designed for the long term.
The Future of Hardness Testing

Qness Series - Rockwell Testing and More
Rockwell Hardness Tester with Stage of Expansion for Optic Practice and Complete Automation

The Qness150 Series are hardness testers with the ability to automatically adjust to a company’s specific requirements. The integrated sample image camera (field of view 50 x 40mm) and optional second screen can be used to adjust the position of sample in real time. The sophisticated construction provides a functional integrated working room light that allows the operator to accurately position the indenter. The fully automatic XY-slide, which uses a high-precision optic path measurement system, can also be customized, for example, with two 8-fold sample holders as well as customer-specific magazines that can be managed and created in software.

Our Qness series stands for quality material excellence, upheld in throughout this hardness testing line of quality assessment equipment.

QnessPocket

This tester has the capacity to perform Rockwell, Brinell, and Vickers measurements. All the results are collected via length transducer or sliding rule, which are automatically transmitted to a database to backup your data.
The Qness250/750/3000 Series performs hardness testing simply, eliminating long tool changeovers when testing samples in inaccessible positions. The downholder can be swiveled in and out manually or automatically, and the bracing elements can be changed easily and adapted to suit many components. The Qness 250/750/3000 has a motorized height adjustment function that facilitates a high test run speed of 24mm/s. This equipment is easy-to-use with a Qpix T12 12” touch-screen display analyzes and automatic work piece recognition sensor technology.
Portable Hardness Testers

For Metals

**CompuTest SC**
www.WorldofTest.com/computest.htm

This best-selling state-of-the-art Digital Rockwell Portable Hardness Tester comes with many advanced features. Conforming to ASTM E724 and DIN 50157 standards, and using the efficient diamond indentation method, Computest is one of the most accurate portable hardness testers on the market. This instrument is most suitable for flat surfaces with standard configuration or round objects using the V-shaped adapter.

**Handy EsaTest**
www.WorldofTest.com/handyesatest.htm

As the most versatile portable hardness tester for precise hardness measurement, this accurate hardness tester is a convenient size for areas that are hard to access, with the ability to test small or large specimens, irregular sample shapes, gears, etc. Many customers have chosen Handy EsaTest because they don’t find Ultrasonic hardness testers reliable and accurate for their particular application. Another successful application for Handy EsaTest is Heat Affected Zone hardness measurement for weld joints. Handy EsaTest conforms to the DIN 50158 standard and is equipped with Rockwell and Vickers scales.

**DynaTest**
www.WorldofTest.com/dynatest.htm

The Heavy Load Digital Portable Hardness Tester is most suitable for cast iron (such as oil pipes, turbine blades, etc.) and forged steel. Conforming to DIN 50157 standard, Qualitest’s Dynatest can apply a load of 100 kgf using an indenter, which makes this compact tester comparable to benchtop hardness testers.
Portable Hardness Testers

For Metals

Webster Testers
www.WorldofTest.com/webster.htm

The Webster Hardness Tester is an analog hardness gauge that is made in three distinct models for testing: Aluminum, Brass, and Copper and Mild Steel. The Webster Hardness Tester can quickly identify tempers and test a variety of shapes that other testers cannot, such as extrusions, tubing, and flat stock.

Ames Regular & Superficial
www.WorldofTest.com/ames.htm

Ames Portable Hardness Testers are low-cost Analog Rockwell Testers that use a traditional diamond indenter and ball penetrator for measuring the hardness in Rockwell Regular & Superficial scales. These testers come in 11 different configurations to accommodate many applications.

TeleBrineller
www.WorldofTest.com/telebrineller.htm

The low-cost Portable Telebrineller System accurately determines the Brinell Hardness of metals and metal products, independent of their dimensions, shape, and location.

King Brinell
www.WorldofTest.com/brinell.htm

On the market for over 70 years, King Brinell hardness testers are lightweight, easy to maneuver, and require only one operator, making them ideal for use as portable or bench units. Versatile enough to test virtually any size and shape of metal specimen, these testers are also extremely easy to use. The operator simply places the specimen between the anvil and the test head, cranks the test head down onto the specimen, closes the pressure release valve, and pulls the hydraulic lever until the desired load is achieved.
Barcol Impressor Hardness Tester

www.WorldofTest.com/barcol.htm

This tester is available in both analog and digital models for performing accurate hardness measurement on aluminum, glass-reinforced plastics, duro plastics, hard thermo plastics, semifinished and finished products. These models are highly popular portable hardness testers that are compliant with the National Fire Protection Association (NFPA1932). The Barcol hardness tester is a proven device for field testing of fire ladders after being exposed to high temperatures. Available models include GYZJ series Analog Barcol Impressor Hardness Tester as well as HPE-II series Digital Barcol Hardness Tester.

QualiMag Series

www.WorldofTest.com/magnetic-hardness-tester.htm

The QualiMag Series portable hardness testers are world-leading products designed and manufactured by Qualitest. They reach far higher test accuracy than other portable hardness testers because of high-accuracy sensor and unique distance measuring technology.

Tests can be conveniently accomplished by analyzing only one side of an object such as a pipe. Iron and steel samples can also be accommodated easily, no matter what shape or size.

QualiMag simplifies the implementation of Rockwell Hardness Tests: directly applying total test force and maintaining it for a few seconds, then releasing the total test force to complete the test. These are extremely efficient machines, taking only 10 seconds to perform each test.

The QualiMag Series meet the Rockwell Hardness Test Principle and are all compliant with ISO6508 and ASTM E18 standards. Operating temperature: 0°C to 50°C, either indoor or outdoor.
Ultrasonic Portable Hardness Testers

UCI 3000

Get your results in just two seconds with a measuring accuracy of ±3% HV, ±1.5 HR, and ±3% HB with this portable ultrasonic hardness testing device. The UCI-3000 measurement results can be achieved very easily — it only takes a small microscopic indentation to get an accurate reading.

UCI 3000D

The UCI-3000D is a combined portable hardness tester which integrates the ultrasonic hardness tester method and dynamic Leeb hardness testing resolution in one instrument. The unit is an updated product based on the UCI-3000 with added functionalities for Leeb hardness testing, so it supports all of the static ultrasonic measuring probes and Leeb dynamic impact devices.

UCI 1000

This high-precision portable device quickly measures metal hardness, including surface-hardened layers (cementation, nitride hardening, high frequency current hardening, etc.), plated coating (chrome), and many other materials. The UCI 1000 is used for measuring within the hardness ranges of main hardness scales: HB, HRC, HV, as well as HRA, HRB, HSD scales and tensile strength (conversion as per GOST 22791-77 for pearlitic steels).
Leebs Rebound Type Portable Hardness Testers

For Metals

The pocket-sized Leeb portable rebound hardness tester comes with an integrated Universal D Impact device, utilizes state-of-the-art micro-electronic technology, and incorporates microprocessor and data display in a single, compact unit.

QualiTip provides exceptional reliability for a wide measuring range, and is capable of automatically converting and displaying measurements into Rockwell, Brinell, Leeb, Vickers, and Shore hardness values.

Conforming to the ASTM A956 standard, the QualiTip Portable Hardness Tester covers an extensive range of applications in the industry and supplies the required test results in many applications where benchtop hardness testers cannot be used.
Leebs Rebound Type Portable Hardness Testers

For Metals

QualiTip II
www.WorldofTest.com/QualiTipII.htm

QualiTip II is a multi-functional portable digital Hardness Tester with extended memory and RS 232 output capabilities. This unit allows the operator to attach various Leeb impact probes and can perform rebound Hardness measurements with convenient conversion to every popular Hardness scale, including Rockwell, Brinell, Vickers, etc.

Typical Applications:
- On-site testing of large and/or heavy components, as well as items already installed as parts of a machine.
- Quality-control testing in the manufacturing process (especially for mass-produced components).
- Material identification in the stockroom.

QualiTip III
www.WorldofTest.com/QualiTipIII.htm

Following the Rebound Leeb principle, the new Quali Tip III is one of our top-of-the-line portable rebound-type hardness testers, offering an excellent price/quality ratio to our customers. These models are fully supported by our in-house technical & service department.

After obtaining data at the test site, the unit can generate a printout via the built-in printer or transfer the data to a PC for further analysis. Quali Tip III is our high-end Leeb rebound-type portable hardness tester, and an ideal solution for metallic hardness measurements with conversions to HLD, HRC, HRB, HB, HV, and HS. The measuring accuracy is +/- 0.5%.

Typical Applications:
- Hardness testing of large and heavy objects.
- Production line testing of mass-produced components.
- Materials identification in stores and warehouses.
- Ideal for locations with difficult access, or in confined spaces.

H-1000
www.WorldofTest.com/h1000.htm

H1000 is a single-scale and low-cost Integrated Portable Hardness Tester that uses state-of-the-art micro- electronic technology. Following the Leeb rebound principle, this uniquely designed pocket-sized instrument incorporates a hardness impact probe, microprocessor, and data display in a single, pocket-sized compact unit. The H1000 hardness tester is capable of displaying hardness measurements in Rockwell C scale.

Typical Applications:
- On-site testing of large and/or heavy components, as well as items already installed as parts of a machine.
- Quality control testing in the manufacturing process (especially for mass-produced components).
- Material identification in the stockroom.

Hartip-3000
www.WorldofTest.com/hartip3000.htm

This handheld Leeb hardness tester enables the user to conveniently and accurately measure the surface hardness of a broad variety of metals and alloys in any position. After obtaining data at the test site, the Hartip-3000 can be connected to a mini-printer to obtain a printout or to a computer for analysis. This tester is an ideal solution for metallic hardness measurements with conversion to Rockwell, Brinell, and Vickers.

Typical Applications:
- Testing of assembled components, without the need for disassembly.
- Testing in difficult-to-access areas.
- Material identification and sorting.
- Can be used in any direction.
Rocky Series
www.WorldofTest.com/rocky.htm

Rocky Series Digital Rockwell Hardness Testers offer low-cost options for day-to-day accurate and straightforward hardness testing in labs or workshops. Meeting and exceeding ASTM E-18 standard requirements, Rocky Series hardness testers come in two models: DR (Rockwell Regular) and DS (Rockwell Superficial).

QualiRock R & RS
www.WorldofTest.com/qualirock.htm

QualiRock Digital Hardness Testers are among the most competitive versatile Rockwell hardness testers on the market. Available in Rockwell Regular and TWIN configurations, their unique nose-mounted indenter, friction-free design, and dead weight system provide long-term test load stability with the advantage of being able to test on extremely restricted interior surfaces and on shafts as small as 1mm diameter. For instance, this gives the operator the ability to test deep inside bores and tight against shoulders without needing a special fixture. QualiRock Hardness Testers are designed for Rockwell Regular (Model R) or Combined Rockwell Regular/Superficial testing (Model RS) to the full Rockwell scales with full compliance to ASTM E-18 and ISO 6508-2.

Qness150 Series
Rockwell Hardness Tester with Stage of Expansion for Optic Practice and Complete Automation

The Qness150 Series is customizable and can be adjusted for optic practice as well as complete automation. The integrated sample image camera (field of view 50 x 40mm) and the optional second screen for sample image display help ensure accurate positioning of the indenter for testing.

The sophisticated build of the Qness150 series offers a large testing space that accommodates many sizes of sample. The fully automatic XY-slide has a high-precision optic path measurement system that be equipped to the Qness150 series with 8 sample holders. It can also handle customer-specific magazines due to its intuitive software.
OmniTest Load Cell Type Universal Rockwell Hardness Tester
www.WorldofTest.com/omnitest.htm

Using load-cell technology, combined with automatic image analysis, LCD touch screen, and built-in PC, Qualitest offers one of the most advanced Rockwell Hardness Testing systems on the market covering the full Rockwell scale (Regular/Superficial) range (15, 30, 45, 60, 100 and 150kgf). These cutting-edge technology models offer a full load range of 1-250kgf, which also allows for full range macro Vickers testing (1-120kgf), as well as Brinell testing in the load range of 1-250kgf on the same machine. Versatility, cost effectiveness, and repeatability of results are key characteristics of this line, which makes them the highest technology Rockwell Universal Hardness Tester on the market.

Qness Radial Arm System

The Qness Radial series is a fully automatic hardness testing plant all-in-one system. The QnessRadial series incorporates standardized Brinell and Rockwell methods according to EN ISO and ASTM in its fully automatic hardness testing cycles with fully automated the image analysis. The unit is applicable in inline solutions for industrial laboratory settings.
Brinell Hardness Testers

QualiBrineller ST
www.WorldofTest.com/qualibrineller.htm

The QualiBrineller QS offers a built-in digital Brinell microscope and includes advanced image analysis software. The microscope system has a video-scanning head and built-in light source (LED and Laser) to make your Brinell testing program faster and more accurate. The system saves the operator time during the analysis of the size of the Brinell indentations due to fully automatic image analysis software that allows you to export your test results to a variety of analytical softwares, including Microsoft Excel.

QualiBrineller QS
www.WorldofTest.com/qualibrineller.htm

The Advanced Load Cell type Brinell Hardness Tester is capable of testing loads from 62.5kgf to 3000kgf. The QualiBrineller is the ideal tester for medium to low testing volumes. The rugged design of the tester makes it suitable for a production line/shop environment as well as lab settings. The QualiBrineller also offers a market-leading price performance ratio. The Qualibrineller uses closed loop load cell technology for load application and measurement. This advanced load cell technology eliminates the need of handling heavy weights for hydraulic load application systems. The test sequence is fully automatic and the tester will guide the operator through the selection process of choosing the proper Brinell scale for different materials. The large LCD display also informs the operator of what indenter needs to be used with the selected Brinell scale.

QualiBrineller X2
www.WorldofTest.com/qualibrineller.htm

The QualiBrineller X2 offers the same specifications as the QualiBrineller ST and QS models, but in a larger extended frame for an increased testing area (430mm / 16.9” extension). This will allow for samples that are twice as tall as the samples that can be used on the ST and QS models.
Brinell Hardness Testers

Qness250 / 750 / 3000 Series - Fully Automatic Hardness Testing

The Qness250/750/3000 Series is very efficient, eliminating long tool changeovers when testing samples in inaccessible positions. The downholder can be swiveled in and out manually or by using a motor. Furthermore, the bracing elements can be changed easily and can be adapted to suit many components. The Qness 250/750/3000 also can detect samples automatically with work-piece recognition sensor technology. The motorized height adjustment facilitates a high test run speed of 24mm/s.
Brinell Hardness Tester Accessories

Deep Reading Brinell Scope and Stage Micrometer
www.WorldofTest.com/brinellmicroscope.htm

Qualitest offers high quality, rugged, and competitive Brinell microscopes to complement our Brinell Hardness Testing Range. Calibrated on equipment achieving NIST standards, this Brinell microscope also meets ASTM E-10 specifications. The optional stage micrometer is also offered to check the calibration of the Brinell Microscope.

Qualiscope
www.WorldofTest.com/qualiscope.htm

The QualiScope series of advanced Brinell measurement systems is available in two versions. The fully automatic QualiScope II, suitable for high volume testing, is designed to meet the toughest requirements for accuracy, resolution, and data evaluation on the market.

The QualiScope I system is a low-cost solution for accurate Brinell measurement. The system features a CCD scan head and intuitive software. The user measures the diameter of the indentation by clicking on three points of the indentation circumference using the mouse. The software will instantaneously calculate the diameter of the indentation and display both the diameter and Brinell hardness value.

The QualiScope II system has an automatic scanning system for measuring Brinell impressions. It is designed with network connectivity to make your testing program faster and more accurate. With this model, quality control management is also improved, as data is automatically stored.

King Scan Automatic Brinell Microscope Systems
www.WorldofTest.com/kingscan.htm

King Scan Automatic Brinell Microscope Systems offer the best value on the market. These user-friendly systems allow operators to instantly measure Brinell impressions and view/record the Brinell values, store data, and conveniently create test reports.

Brintronic Heavy Duty Automatic Brinell Microscope
www.WorldofTest.com/brintronic-microscope

The ATH1 non-optical closed loop Brinell test head and the ATH2 optical closed loop Brinell test head are equipped with an integral BRINtronic automatic Brinell microscope. The Qualitest BRINtronic is widely accepted as being the most reliable automatic Brinell microscope on the market and is in use all over the world in a variety of formats.

The modular ATH1 and ATH2 are semi and fully automatic Brinell test heads, respectively, and are ideally suited for special purpose hardness tester design and to retrofit existing hardware.

The modular design of the ATH series means that Qualitest is able to offer both standard and special purpose machines without difficulty and can assist in retrofitting either the ATH1 or ATH2 to a customer's existing Brinell hardness testing frame if required.

Qualitest has unmatched experience in the field of Brinell hardness testing and offers a range of standard Brinell hardness testers to suit any customer's technical specifications and budgets.
Used-Rebuilt Models
Please email sales@qualitest-inc.com

We also carry rebuilt and used Brinell Testers. These units have all new electricals, new load valve blocks, new pumps, new hydraulic lines and fittings, newer O-ring style bottom cylinder covers, additional pressure safety valves, external oil filter systems, and are repainted. Please contact us at sales@qualitest-inc.com for the current list of our rebuilt Brinell Testers.

BRIN400 Series
www.WorldofTest.com/brin400-hardness-tester.htm

Designed and engineered to perform reliably in arduous environments, the BRIN400 series enhances productivity for in-line and off-line testing of materials.

Qness Radial Arm System

The Qness Radial series is a fully automatic hardness all-in-one testing system. The Qness Radial series incorporates standardized Brinell and Rockwell methods according to EN ISO and ASTM in its fully automatic hardness testing cycles with fully automated the image analysis. The unit is applicable for in-line solutions for industrial laboratory settings.

Bridge Type Hardness Testers

The Qualitest Q-BHD and Q-BHD-E series of bridge-type Brinell hardness testers are available in a range of sizes from small static bridge machines (vertical test head movement only) to fully automatic machines with powered X, Y, and Z movement over an integral test bed. The automatic model provides operators with an extremely robust machine suitable for testing very large components and is used extensively in the oil Industry.
Micro / Vickers / Knoop Hardness Testers

QV-1000/2000 Series Micro Vickers / Knoop Hardness Tester
www.WorldofTest.com/microhardnesstester.htm
Qualitest’s QV-1000 and QV-2000 Series Micro Vickers / Knoop Hardness testers are our popular testing systems. As a standard configuration equipped with a motorized turret system, and available as low-cost analog model or a digital model with our modular QV-CCD image analysis and automation software, this machine is suitable for microhardness analysis of metallic specimens in metallography laboratories or production environments. This machine can test loads ranging from 10-1000 grf (QV-1000) and 10-2000 grf (QV-2000). The QV-1000/2000 series of Micro Hardness Testers offer the best value for the quality of their precision analyses.

QV 4500 High End Closed Loop Micro / Macro Vickers Hardness Tester
The high-end QV 4500 series of Vickers/Knoop hardness testers combines a practical design with a reliable, efficient measurement procedure. State-of-the-art closed loop, load cell, and force feedback technology assures fast test results at the highest possible accuracy. The QV 4500 tester is available with our modular QV-CCD image analysis and automation software.

QV-CCD Filar Systems
www.WorldofTest.com/qv-ccd.htm
These systems quickly determine Vickers / Micro hardness right on your PC, featuring hardness depth graphics on a unique, user-friendly system. These testers combine power, speed, and flexibility to accommodate a full spectrum of micro hardness testing requirements. With a simple test procedure, the user defines a simple or complex pattern for automatic positioning and indentation, and the software automatically measures and records indentation size and hardness measurements. The unit displays the depth and hardness XY plotting as well as statistics and individual indent results.

CMT Retrofit Package for Existing Micro Hardness Testers
www.WorldofTest.com/cmt.htm
CMT advanced image analysis software is a flexible yet affordable software solution that enables you to acquire, measure, and analyze the results of your Vickers or Knoop hardness test. The automatic image analysis software measures the size or area of your indentation and calculates the Vickers hardness of your test piece. The CMT software will guide you while testing case depth or other test patterns, and the result of your complete test can be analyzed using the software. The CMT package is also offered as an upgrade kit for laboratories that require a package to retrofit an existing micro hardness tester. Even with an older PC, operators can install easy-to-use CMT software, an acquisition board, and a high-resolution camera.
Vickers / Case Depth Hardness Testers

Qness10 / 30 Series - Fully Automatic Micro Hardness Tester

For the first time in hardness testing, the indenter feature can perform tests that adapt to the contour of the sample automatically. With the new Indenter Parallel to Contour (IPC) technology, different material layers can be tested more precisely and economically.

QV-400 Series Macro Vickers Hardness Tester

With loads ranging from 1 kgf up to 30kgf (QV-430 model) and from 1 kgf to 50 kgf (QV-450 model), and also available in analog or digital configurations, these Macro Vickers hardness testers are extremely precise, durable, and offer the best value on our product line. The QV 400 tester is available with our modular QV-CCD image analysis and automation software.

MTR EsaTest
www.WorldofTest.com/esatest.htm

Our Advanced Motorized Hardness Tester has the capacity to access hard-to-reach areas. Most suitable for Automotive & Aerospace components, large or small samples, irregular shapes, the inside of bores, and gear teeth in various positions, the MTR Esa Test hardness tester is able to apply loads progressively. As a result, with only one hardness test, different hardness values that determine the entire range of applied loads can be measured. This is extremely useful for testing of surface treated specimens, for effectively evaluating the depth of superficial treatments, and for possible rectification of ground parts.
**Universal Hardness Testers**

**OmniTest Universal Hardness Tester**  
www.WorldofTest.com/omnitest.htm

Using load-cell technology, combined with automatic image analysis and an LCD touch screen interface, Qualitest offers one of the most advanced ranges of Universal Hardness Testing systems on the market, covering the full Rockwell scale (Regular/Superficial) range (15, 30, 45, 60, 100 and 150kgf) as well as full load range of 1-250kgf. Our Universal Hardness Testing systems also perform a full range of macro Vickers testing (1-120kgf), as well as Brinell testing in the load range of 1-250kgf on the same machine. Versatility, cost effectiveness, and repeatability of results are key characteristics of this line, which makes them the most cutting-edge technology Universal Hardness Tester on the market.

**Qness150 Series**  
Rockwell Hardness Tester with Stage of Expansion for Optic Practice and Complete Automation  

The Qness150 Series is a series that adapts to your requirements — it is designed to facilitate optic practice as well as complete automation. The integrated sample image camera (field of view 50 x 40mm) and the optional second screen for sample image display can be actuated for optimal viewing. The sophisticated build of the Qness150 series offers a large and well-arranged testing space and also includes an integrated work light to help ensure accurate positioning of the tip for testing. The fully automatic XY-slide with high-precision optic path measurement system can be equipped to the Qness150 series, for example, with 8-fold sample holders.

**Qness250 / 750 / 3000 Series - Fully Automatic Hardness Testing**  

The Qness250/750/3000 Series offers hardness testing that has no long tool changeovers for inaccessible test positions. The downholder can be swiveled in and out manually (and via motor if required). Furthermore, the bracing elements can be changed easily and can be adapted to suit many components. The Qness 250/750/3000 also can detect samples automatically with work piece recognition sensor technology. The motorized height adjustment facilitates a high test run speed of 24mm/s. With the Qpix T12 12” Touch-screen display, the user-friendly interface makes operations simple and makes follow-up measurement possible.

**QV-700**  

This is a low-cost, dead-weight type analog universal hardness tester for reliable Rockwell, Brinell, and Vickers testing that conforms to DIN-EN-ISØ 6506, 6507, 6508, and ASTM. This unit has a test load range of up to 187.5 kgf.
Hardness Test Blocks, Indentors & Accessories
www.WorldofTest.com/hardnessblocks.htm

Rockwell, Brinell, Vickers, Microhardness, Micro, Knoop, Blocks & Indenter

Rockwell Test Blocks
Comes with full certification
Rockwell Regular Hardness Test Blocks: HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRAH, HRK, HRL, HRM, HRP, HRR, HRS, HRV.
Rockwell Superficial Hardness Test Blocks: HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HR15W, HR30W, HR45W, HR15X, HR30X, HR15Y, HR30Y, HR45Y

Brinell Test Blocks
Comes with full certification
3000Kg, 2000Kg, 1500Kg, 1000Kg, 500Kg, 250Kg, 187.5Kg & Telebrineller Bars
Brinell Accessories:
• Steel Balls
• Carbide Balls

Micro (Vickers / Knoop) Test Blocks and Indentors
Comes with full certification.
Our range of micro hardness test blocks exceed industry standards. All of our micro test blocks are mirror-polished and mounted to provide the best possible test surface. We offer Vickers and Knoop Diamond Indenters that are suitable for different hardness tester makes.

Rockwell Testing Accessories
• Diamond Penetrators
• Ball Penetrators
• Anvils
• Other

Master Calibration Kits
Our Master Calibration Kits are produced to provide our customers with the ultimate tool in Quality Control. Each kit contains a test block or blocks and the actual indenter unit that was used to calibrate them. By matching specific blocks to a specific indenter, a set relationship is established, and they can be eliminated as potential variables in the hardness test system. Should a problem arise, a master kit on hand allows you to quickly and accurately determine whether your hardness tester is the source.
Durometers, Shore, P&J, Fruit, Barcol Hardness Testers
For Rubber, Plastics and Other Elastomers

Portable Models

**HP-Series Analog Durometer**
www.WorldofTest.com/durometer.htm

This low-cost, hand-held Dial Type Durometers is used for all Shore scales, as it is the highest quality and the most durable tester of its type on the market. It can be used as a benchtop unit with the addition of the optional test stand.

**HPE-II Digital Durometers**
www.WorldofTest.com/hpe.htm

Digital hand-held Durometers for all Shore scales. The RS-232 interface for data transfer to PC is available. Can be used as benchtop units with the addition of the optional test stand.

**P&J Plastometer**
www.WorldofTest.com/puseyandjones.htm

Popular Digital Durometer for the printing and rubber roll manufacturing industry. This unit is also known as P&J Plastometer, and performs tests on the Pusey & Jones scale.

**Fruit Firmness Tester**
www.WorldofTest.com/fff.htm

This non-destructive and accurate firmness tester is available with an analog or digital display. It is suitable for hardness measurement of fruit such as apples, peaches, apricots, plums, cherries, tomatoes, strawberries, and avocados.

**Impressor - Barcol Hardness Tester**

Barcol Impressor Hardness Tester
www.WorldofTest.com/barcol.htm

Qualitest carries both analog and digital models for accurate hardness measurement on aluminum, glass-reinforced plastics, duro plastics, hard thermo plastics, semifinished and finished products. According to the Barcol method, these models are highly popular portable hardness testers. Compliant with the National Fire Protection Association (NFPA1932), the Barcol hardness tester is a proven device for field testing of fire ladders after being exposed to high temperatures. Available models include GYZJ series Analog Barcol Impressor Hardness Tester as well as HPE-II series Digital Barcol Hardness Tester.
Durometers / IRHD Hardness Tester Range

For Rubber, plastics and Other Elastomers

Benchtop Models

Digi-TEST II Modular Automatic Hardness Testing System
For all Durometer and IRHD ranges
www.WorldofTest.com/digitest.htm

Digi-TEST is recognized as the most modular, flexible, accurate, and state-of-the-art durometer/IRHD hardness tester on the market. Digi-TEST is the best of polymer materials hardness testing because it combines measurement and data acquisition in one system. Digi-TEST can be upgraded at any time with any of durometer or IRHD scale test heads and totally eliminates human error on test results. This intelligent system is the ideal durometer solution for any research lab, product development team, and university laboratory.

IRHD Compact Hardness Tester
www.WorldofTest.com/irhdmicrocompact.htm

The latest generation of this popular IRHD Micro Hardness Tester line has the most convenient and user-friendly interface. It performs accurate IRHD Micro hardness measurement of soft elastomers such as O-rings, seals, and gaskets, with thickness down to 0.6mm.

IRHD Micro Compact III offers new advantages, with an excellent price/quality ratio. Testing of O-rings, molder samples with irregular shapes, seals, etc. are ideal applications for this model. A quick center lever allows quick and precise positioning of the samples and the measuring head comes with integrated display and keypad for ease of use. IRHD Micro Compact III comes with standard RS-232 data interface as well as exchangeable indenters.

HPE Type M/AM Digital Micro Shore Durometer
www.WorldofTest.com/hpe-am-m.htm

This unit is ideal for Thin Walled O-Rings and irregular/thin flat material according to ASTM D2240 (type M) and ISO 7619 (type AM). The HPE Type M Digital Micro Shore Durometer is ideal for accurate, repeatable hardness readings on soft elastomers too thin or too irregular in shape for standard Durometers. The HPE Type M Durometer accurately measures specimens down to 1.50 mm. The unique design minimizes material deformation.
Also offered by Qualitest:

- Universal Tensile / Compression Testing Machines
- Pendulum Impact Tester
- Resonant Fatigue Testers
- Grips & Fixtures for Tensile, Compression, Flexure, etc. Tests
- Sheet Metal Formability Testing Machine
- Drop Weight Tear Impact Tester
- Automatic Strain Measurement & FLC Analysis
- Spectroscopy Products (UV / VIS, FT-IR, AAS)
- Physical Sample Preparation Equipment (Tensile/Impact, etc.)
- Metallography Equipment / Metallurgical Microscopes
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- Thickness Gauges
- Profile Projectors
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- Extensive Range of Plastics & Rubber Testing Equipment

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