



DISCOVER

OUR REFERENCE

TESTERS

REFERENCE HARDNESS TESTERS

TESTERS

REFERENCE & STANDARDIZATION HARDNESS TESTING MACHINES

INNOVATEST manufactures standardization / calibration hardness testing machines for national laboratories, hardness test block manufacturers or industries that require not only a hardness tester, but a machine that provides results with the lowest possible uncertainty.

Since our hardness tester are based on unparalleled accurate mechanics, basically each of our standard products meets the mechanical requirements of a standardizing machine.

To assure the lowest possible measuring uncertainty, these reference machines are fitted with sophisticated ultra-high precision force, depth and diameter sensors, 18 Megapixels camera system and best in class optics. Our Rockwell machines provide a depth measuring system with 0.02micron resolution. Force is applied and repeated with a tolerance of less than 0,05%.

Our standard range of reference/standardizing machines are available for Rockwell, Vickers, Knoop and Brinell, covering a force range of 10gf up to 3000kgf. Each of the machines can be prepared with all kinds of automation and communication output. All models are Q-Das quality system certified.



FALCON 600 LAB
Standardizing tester for Vickers scales

Equal to FALCON 600, but with enhanced accuracy.

TEST FORCES 10gf - 62.5kgf



FALCON 5002 LAB
Standardizing tester for Vickers scales

Equal to FALCON 5000, but with enhanced accuracy.

TEST FORCES 100gf - 187.5kgf



NEMESIS 5100S LAB
Standardizing tester for Rockwell scales

Equal to NEMESIS 5100, but with enhanced accuracy.

TEST FORCES 3kgf - 150kgf



NEMESIS 6200RS LAB
Standardizing tester for Rockwell scales

Equal to NEMESIS 6200, but with enhanced accuracy.

TEST FORCES 3kgf - 150kgf



NEMESIS 9100B LAB
Standardizing tester for Brinell scales

Equal to NEMESIS 9100, but with enhanced accuracy.

TEST FORCES 10kgf - 3000kgf