

Rheology

www.gibitre.it/rehology



RheoCheck Profile Moving Die - PC
Moving Die (MD) Rheometer controlled by Personal Computer.



RheoCheck Profile Oscillating Disk - PC
Oscillating Disk (OD) Rheometer controlled by Personal Computer.



MooneyCheck Profile - PC
Mooney Viscometer controlled by Personal Computer for the performance of Viscosity, Scorch and Stress Relaxation tests.



Volumetric Die Cutter
Pneumatic Die Cutter for the preparation of samples with constant volume for MD Rheometer, OD Rheometer and Mooney Viscometer.

Hardness testing

www.gibitre.it/hardness



Multi-unit hardness tester
The instrument can be supplied with the requested Shore or IRHD units (up to 4). The hardness unit to be used for the tests is selected by rotating the support.



Stand-alone hardness tester
Automatic Units for the measurement of hardness. Available hardness scales are: Shore (A, D, 00), IRHD (Normal, Hard, Low) and Micro-IRHD.



Manual hardness tester
Portable instrument for the measurement of Shore Hardness. Available scales: Shore A, D, 00, A0.



ACCREDIA calibration service
Official ACCREDIA calibration laboratory for Shore A, Shore D, IRHD Micro, IRHD-Normal, IRHD-Hard, and IRHD-Low hardness testers.

Physical testing

www.gibitre.it/physical



TensorCheck Profile - PC
Tensile Tester for rubber or plastic materials operating in traction and compression.



Electronic Balance Check
Densimeter for automatic evaluation of the density, % Mass Variation (ΔM) and % Volume Variation (ΔV) of compact, cellular and liquid products.



ResistivityCheck
Automatic instrument for the measurement of electrical resistivity of semi-conductive rubber and thermo-plastic.



ReboundCheck
Schob type Rebound Tester for the calculation of the resilience of elastomers.

Applicative characteristics

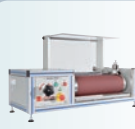
www.gibitre.it/applicative



Low Temperature Check
Automatic instrument for the determination for both Temperature Retraction at low temperature (TR) and Brittleness point Temperature.



De Mattia fatigue tester
Dynamic testers for the execution of fatigue tests. Different versions for test at room temperature or with environmental chamber are available.



AbrasionCheck
Abrasion tester in compliance with ISO 4649, ASTM D 5963 (DIN 53 516) standards.



Compression Set
Wide range of compression set devices according to international standards.

Ageing characteristics

www.gibitre.it/ageing



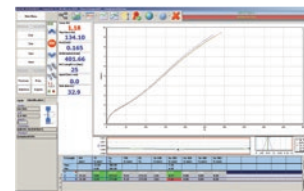
OzoneCheck-UV
Electronic Ozone Tester for the evaluation of ozone resistance of rubber samples.



Flammability Tester
Stainless Steel Cabinet for performing flammability tests of plastic materials, foams and rubber according to UL 94.



Thermal Block
Thermal-regulated Block for the performance of ageing tests in air and in liquids of elastomeric materials.



Gibitre Software programs
The programs for instrument control are multi-language, have user-friendly interface and are compatible with Windows 7 and 8. Connection between instruments and pc via USB port.

Sample preparation

www.gibitre.it/sample



Laboratory Press
Laboratory presses for the compression moulding of rubber or thermoplastic materials.



Laboratory rubber splitting machine
Laboratory Splitting machine for preparing test samples for laboratory tests starting from finished rubber products.



Manual Die Cutting
Manual Die Cutting for preparing specimens for laboratory testing.

DataGest Network
Software for the management of the test results from the instruments connected to the network. Database with SQL format. Preparing of multi-instrument test reports customer-defined configuration.

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