



RENAISSANCE EQUIPMENT LLC

We meet your testing needs

**UAE | OMAN | BAHRAIN
QATAR | KUWAIT | KSA**

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We meet your testing needs

Company Introduction:

Renaissance Equipment LLC serves as the channel partner for renowned global brands of Analytical and Physical Testing Equipment, representing them throughout the entire GCC region.

Our comprehensive range of products caters to various laboratory testing requirements, facilitating precise material composition analysis, mechanical testing and other laboratory endeavors to ensure the quality and integrity of products at every operational stage.

Supported by our team of certified engineers, we provide services which include sales, technical support, installation, calibration, maintenance contracts and on-site training. This positions Renaissance Equipment as a comprehensive solution provider to meet the laboratory testing needs of the region.

Brands we represent:

G.N.R S.R.L. (Italy)

Since 1984



IKA (Germany)

Since 1910



Galdabini (Italy)

Since 1890



Gibitre (Italy)

Since 1979



Elvatech (Ukraine)

Since 1991



Rheotest (Germany)

Since 1932



Axiotek (Italy)

Since 1954



Industries we serve:

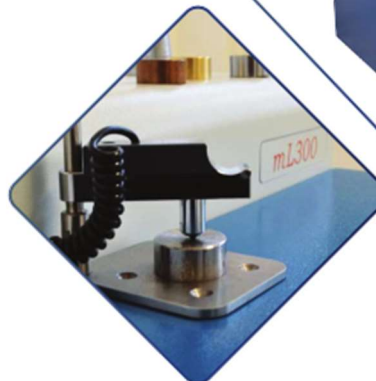
- Metal & Metallurgy
- Steel & Foundries
- Scrapyards
- Wires & Cables
- Gear & Automotive
- Cement
- Energy (Coal, Biomass, Landfill, Sewage sludge)
- Laboratory (mineralogy, mechanical, calibration, food testing, medical)
- Extrusion (Steel, Aluminium, plastic, rubber)
- Plastic
- Rubber
- Polymer & Elastomer
- Paint
- Chemicals
- Ceramics
- Petroleum
- Pharmaceutical
- Film & Packaging
- Paper & Cardboard
- Jewelry & Gold
- Sports goods

Advanced Analytical Solutions

GNR SRL provides advanced elemental analyzers, including OES, XRF for precise metal analysis. The XRD offers detailed crystalline structure insights, while metallurgical microscopes enable accurate material characterization. These technologies ensure reliability for industries like steel, aluminum, petrochemicals, and more.



Spark Emission Spectroscope



AreX Bechtol Diffractometer



Stress X- XRD mounted on 6-axis robot



S9 - Atlantis OES



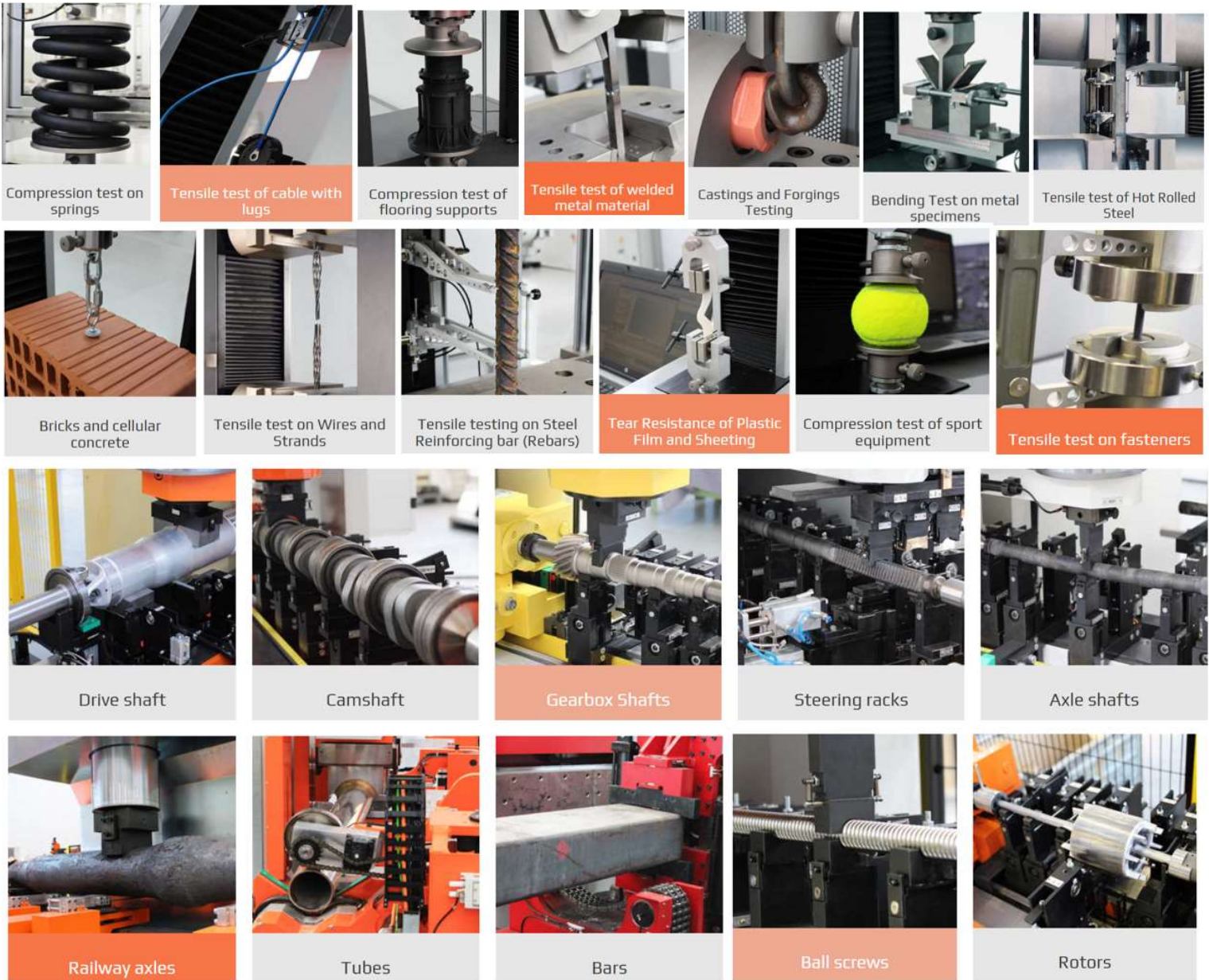
R4 - Rotroil (Automatic Oil Analyzer)



Sample Preparation Machines

Metal, Non-metal, Plastic, Rubber Testing Solutions

- A wide range of electromechanical materials testing machines suitable for bidirectional tests: tensile, compression, flexure, bending, friction, cycle, constant load and many others
- Automatic straightening machines for shaft profile
- Hydraulic presses, trimming beading, and automatic Production line



Hardness Testing Solutions for A Variety of Materials

Axiotek offers a comprehensive range of advanced hardness testers designed to meet the diverse needs of various industries.

The Laser Indicator System identifies the exact indentation point for objects with irregular geometry

All the machines are equipped with intuitive control panels and software, allowing easy operation and real-time data analysis.



Portable



Vickers



Rockwell



Universal



Shore



Micro IRHD

X-ray Fluorescence Spectrometers

Employing this innovative, non-destructive technology for material analysis, Elvatech manufactures more than 20 models of stationary and mobile units for a range of on-site and laboratory applications, including RoHS and Wee, Mining and Exploration, Scrap sorting, Lead in paint, Archaeometry, Forensics, and more.



Elemental Analyzer



Mining & Exploration



Portable Analyzers



ElvaX Jewelry lab



ElvaX RoHS (Petroleum)



ElvaX-S Petrochemical



**Benchtop Spectrometer
Range (Basic, Pro, Plus)**



**Particulate Matter
Monitoring System**

Rubber, Elastomers, and Plastics Testing Solutions

A wide range of instruments for measuring their physical & mechanical properties

Test Categories:

- Rheology
- Physical Testing
- Hardness Testing
- Ageing Characteristics
- Applicative Characteristics
- Sample Preparation
- Compression Set Devices

Instruments:

- Rheometers
- Viscometers
- Tensile Testers
- Mini Force Testers
- Hardness Tester
- Tr & Brittleness Tester
- Abrasion Testers
- Fatigue Tester
- Block Oven For Accelerated Aging
- Rebound Tester
- Density Tester
- Ozone Cabinet
- Compression Set
- Flammability Resistance
- Sample Cutting Machines

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Hardness Check



Rheometer



Density Check



Block Oven Aging Check



Laser Revolution Hardness Check - Drive



Ozone Check UV

Excellence in Rheology and Viscosity

Specializing in precision rheological testing and material characterization, Rheotest instruments are capable of providing essential data on viscosity, flow behavior, gelation, and stability. These equipment have applications in polymer and elastomer analysis, bitumen and asphalt testing, food and cosmetics, pharmaceuticals, adhesives, paints and coatings, and petrochemicals.

Application Areas

- Technical Ceramics
- Steel Industry
- Polymer Chemistry
- Pharmaceuticals
- Petrochemicals
- Food and Beverages
- Cosmetics and Health
- Household Chemicals
- Manufacturing & Metalworking
- Electronics
- Chemicals
- Brewing and Malting
- Automotive
- Building Materials and Raw Materials
- Asphalt and Bitumen
- Paints and Coatings
- Energy and Environment



**DSR RHEOMETER
RHEOTEST® RN 5.1**



**CAPILLARY RHEOMETER
RHEOTEST® LK 2.2**



**FALLING BALL VISCOMETER
HÖPPLER® KF 3.2**



RHEOTEST VISQI N° 1



**ROTATIONAL RHEOMETER
Bitumen rheometer
RHEOTEST® RN**



**BALL PRESSURE RHEOMETER
HPPPLER® KD 3.1**

IKA – Your Reliable Laboratory Partner



Innovative Laboratory Solutions



BIOREACTORS



MIXING



HEATING / COOLING /
TEMPERING



LIQUID HANDLING



MEASURING VISCOSITY



VACUUM TECHNOLOGY



CRUSHING



LABORATORY SOFTWARE



SEPARATION



ELECTROCHEMISTRY
FLOW CHEMISTRY



REACTOR SYSTEMS

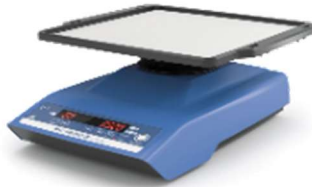


CALORIMETRY

Innovative Laboratory Solutions



ROLLER



ROCKER



VORTEX MIXER



RECIPROCATING &
ORBITAL SHAKER



INCUBATION SHAKER



DIGITAL MICROTITER
SHAKER



TWISTER



CENTRIFUGE



HEATING BATH



DECOMPOSITION SYSTEM



HOT PLATE



DISPERSER

We meet your testing needs

Exhibitions in UAE & KSA

