

Products

- ü Material testing equipment
- ü Chromatography
- ü Spectroscopy
- ü Elemental analyzer
- ü Microscopy and imaging
- ü Thermal analyzer
- ü Chemicals and standards
- ü Testing and measuring equipment
- ü Sample preparation
- ü General lab supplies

Technology

- ü Chromatography
- ü Spectroscopy
- ü Microscopy and imaging
- ü Elemental Analysis
- ü Particle analysis
- ü Thermal analysis
- ü Physisorption
- ü Destructive testing

Application

- ü Food and Agri
- ü Environmental and energy
- ü Life sci and pharma
- ü Material testing:
- ü Water and waste water
- ü **Industry analysis:**
- ü General laboratory

1. PRODUCTS

1. Material Testing Equipment

Subcategories

- Universal Testing Machines
- Hardness Testing Systems
- Impact Testing Systems
- Fatigue Testing Systems
- Dynamic Testing Systems

Main Manufacturer

- ZwickRoell

2. Chromatography

Subcategories

- Gas Chromatography (GC)
- Gas Chromatography-Mass Spectrometry (GC-MS)
- High Performance Liquid Chromatography (HPLC)
- Ion Chromatography

Main Manufacturer

- SCION Instruments

3. Spectroscopy

Subcategories

- UV-Visible Spectrophotometers
- FTIR Spectrometers
- Fluorescence Spectrometers
- Raman Spectrometers
- Atomic Absorption Spectroscopy (AAS)
- ICP-OES
- ICP-MS
- XRF
- NIR Spectroscopy

Main Manufacturers

- HORIBA
- Edinburgh Instruments

4. Elemental Analyzer

Subcategories

- Carbon/Sulfur Analyzers
- CHNS/O Elemental Analyzers
- Nitrogen & Protein Analyzers
- TOC Analyzers
- Mercury Analyzers
- Oxygen/Nitrogen/Hydrogen Analyzers

Main Manufacturer

- HORIBA

5. Microscopy and Imaging

Subcategories

- Optical Imaging
- Spectroscopic Imaging
- Material Imaging
- Fluorescence Microscopes
- Digital Microscopes

6. Thermal Analyzer

Subcategories

- Differential Scanning Calorimetry (DSC)
- Thermogravimetric Analysis (TGA)
- Simultaneous Thermal Analysis (STA)
- Dynamic Mechanical Analysis (DMA)

7. Chemicals and Standards

Subcategories

- Analytical Chemicals
- Certified Reference Materials
- Laboratory Standards

Main Manufacturer

- Avantor / VWR

8. Testing and Measuring Equipment

Subcategories

- Environmental Measurement Instruments
- Industrial Measurement Instruments
- Inspection Instruments
- Portable Measurement Devices

Main Manufacturer

- PCE Instruments
- Lovibond

9. Sample Preparation

Subcategories

- Microwave Digestion Systems
- Sample Preparation Equipment
- Laboratory Preparation Tools

Main Manufacturer

- Milestone

10. General Laboratory Supplies

Subcategories

- Laboratory Consumables
- Glassware
- Plasticware
- Safety Products
- Laboratory Accessories

Main Manufacturer

- Avantor / VWR

2. TECHNOLOGY

1. Chromatography

Subcategories

- Gas Chromatography
- Separation Science
- Chemical Identification

2. Spectroscopy

Subcategories

- Raman Spectroscopy
- Fluorescence Spectroscopy
- Optical Spectroscopy

3. Microscopy and Imaging

Subcategories

- Optical Imaging
- Surface Imaging
- Material Characterization

4. Elemental Analysis

Subcategories

- Carbon and Sulfur Analysis
- Elemental Composition Analysis
- Trace Element Detection

5. Particle Analysis

Subcategories

- Particle Size Analysis
- Particle Distribution Analysis
- Nanoparticle Characterization

Manufacturer

- HORIBA

6. Thermal Analysis

Subcategories

- Thermal Stability Analysis
- Heat Flow Measurement
- Material Thermal Properties

Manufacturer

- HORIBA

7. Physisorption

Subcategories

- Surface Area Analysis
- Porosity Measurement
- Gas Adsorption Analysis

Products

- Surface Characterization Systems

8. Destructive Testing

Subcategories

- Tensile Testing
- Compression Testing
- Hardness Testing
- Impact Testing
- Fatigue Testing

Products

- Material Testing Systems

Manufacturer

- ZwickRoell

3. APPLICATIONS

1. Food & Agriculture

Subcategories

- Food Quality Analysis
- Food Safety Testing
- Coffee Analysis
- Dairy Testing
- Beverage Analysis
- Grain Analysis
- Oil & Fat Analysis
- Animal Feed Analysis

Related Products

- Food Analyzers
- Chromatography Systems
- Spectroscopy Systems
- Color Measurement Instruments

Manufacturers

- ProGnosis Biotech
- Lovibond
- HORIBA
- SCION Instruments

2. Environmental & Energy

Subcategories

- Water Quality Monitoring
- Wastewater Analysis
- Soil Analysis
- Air Quality Monitoring
- Energy Material Testing

Related Products

- Water Testing Instruments
- Elemental Analyzers
- Measurement Equipment

Manufacturers

- HORIBA
- Lovibond
- Milestone

3. Life Science & Pharmaceutical

Subcategories

- Pharmaceutical Quality Control
- Chemical Analysis
- Research & Development
- Biological Sample Analysis

Related Products

- Chromatography

- Spectroscopy
- Sample Preparation Systems

Manufacturers

- SCION Instruments
- HORIBA
- Milestone

4. Material Testing

Subcategories

- Metals Testing
- Plastic & Polymer Testing
- Rubber Testing
- Composite Material Testing
- Construction Material Testing
- Packaging Testing

Related Products

- Universal Testing Machines
- Hardness Testers
- Thermal Analyzers

Manufacturer

- ZwickRoell

5. Water & Wastewater

Subcategories

- Drinking Water Analysis
- Industrial Wastewater Testing
- Environmental Monitoring
- Water Treatment Control

Related Products

- pH Meters
- Photometers
- Multiparameter Instruments

Manufacturers

- Lovibond

- HORIBA
- PCE Instruments

6. Industry Analysis

Subcategories

- Manufacturing Quality Control
- Chemical Industry Testing
- Mining & Minerals Analysis
- Textile Testing
- Petroleum Analysis

Related Products

- Analytical Instruments
- Testing Equipment
- Measurement Systems

Manufacturers

- ZwickRoell
- HORIBA
- SCION Instruments
- PCE Instruments

7. General Laboratory

Subcategories

- Research Laboratories
- Universities & Education
- Government Laboratories
- Quality Control Laboratories

Related Products

- General Lab Supplies
- Analytical Instruments
- Measurement Equipment