



PRODUCT GROUPS

2026-2027 Product Information Document
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Product Groups

We offer research quality laboratory instruments, consumables, and spare parts for product control in the operations of Food, Petrochemistry, Environmental, Agricultural, Paint-Plastic, Pharmaceutical and Polymer industries. We serve customers within pharmaceutical and biotech companies, universities, research institutions, and government agencies, as well as in environmental and process control industries.

General Laboratory Instruments

We offer an extensive line of high-quality general lab instruments consisting of Mixers, Centrifuges, Pipettes, Stirrers, Ovens and Sterilizers, Balances, Rotary Evaporators, Pure & Ultrapure Water Systems and much more.

Food Analysis Instruments

Elementel provides a wide range of food analysis instruments for factories that produce milk and dairy products, meat and meat products, biscuits & chocolate and more.

Environmental Analysis Instruments

You can find a solution for waste water - drinking water, environmental pollution, solid waste, soil, waste oil, oil-grease, sedimentation analysis.

Agricultural-Pharmaceutical Analysis Instruments

We offer a complete range of instruments used in a variety of analysis consisting of fertilizer analysis, analysis of plant material, soil analysis, leaf analysis, pharmaceutical analysis and more.

Petrol-Chemical Analysis Instruments

Measurement of volatile, semivolatile, and metals components in petrochemicals. Elementel offers a full range of instruments to measure these basic parameters. Instrument configurations meeting the needs of ASTM and other specialized methods are required.

Laboratory Supplies and Consumables

Elementel carries a wide selection of lab consumables and supplies including high purity chemicals, microbiological testing products, beakers, burettes, tubes, flasks, funnels, dispensers, tweezers, cylinders and more for the modern chemistry, biology or medical lab. With top laboratory supply brands you are sure to find the laboratory supplies you are looking for.

General Laboratory Instruments

Baths and Circulators

- Simple Water Baths
- Circulating Water Baths
- Shaking Water Baths
- Ultrasonic Baths
- Oil Baths
- Sand Baths
- Immersion Circulators
- Recirculating Chillers

Fume Hood / Laminar Flow Cabinets and Laboratory Bench

- Fume Hoods
- Laminar Flow Cabinets
- Plant Growth Chambers
- Glovebox Cabinets
- Acid Storage Cabinets
- Laboratory Benches
- Balance Tables

Ovens and Sterilizers

- Incubators (Bacteriological Ovens)
- Sterilizers (Drying Ovens)
- Hybridization Ovens
- Autoclaves (Steam Sterilizers)
- Freeze Dryers (Lyophilizers)
- Muffle Furnaces
- Tube Furnaces
- High-Temperature Furnaces

Homogenization Instruments

- Low Speed Mechanical Homogenizers
- High Speed Mechanical Homogenizers
- Stomacher Homogenizers

Heating Systems

- Hot Plates
- Block Heaters
- Mantle Heaters
- Automatic Bunsen Burners

Mixers and Shakers

- Magnetic Stirrers Without Heating
- Heated Magnetic Stirrers
- Overhead Lab Mixers
- Rotary Shakers (Rotators)
- Orbital Shakers
- Linear Shakers
- Horizontal Shakers
- Tube Shakers (Vortex)
- Microplate Shakers

Laboratory Coolers

- Laboratory Refrigerators
- Laboratory Freezer
- Portable Coolers

Sample Handling/Preparation Instruments

- Portable Water/Waste Water Handling Systems
- Stationary Water/Waste Water Handling Systems
- Auto Samplers
- Microwave Sample Preparation Systems

Grinders/Crushers and Shredders

- Centrifugal Mills
- Mortar Grinders
- Planetary Ball Mill
- Disc Mills
- Cryogenic Grinders
- Laboratory Grinders
- Jaw Crushers
- Cross Beater Mills
- Laboratory Mixers
- Laboratory Blenders
- Sieve Shakers
- Sample Dividers

Pumps and Compressor

- Peristaltic Pumps
- Simple Vacuum Pumps
- Oil Lubricated Vacuum Pumps
- Diaphragm Vacuum Pumps
- Syringe Pumps
- Compressors

Rotary Evaporators

- Rotavapor R-3
- Rotavapor R II
- Rotavapor R-210 / R-215

Centrifuges

- Small Centrifuges
- Benchtop Centrifuges
- Microlitre Centrifuges
- High Speed Centrifuges
- Milk Testing Centrifuges

Liquid Handling Systems

- Bottletop Dispensers
- Digital Burettes
- Automatic Pipettes
- Motorized Pipette Filler

Water Purification Systems

- Ultra Pure Water Systems
- Distilled Pure Water Systems
- Deionized Water Systems

Balances

- Analytical Balances
- Precision Balances
- Micro Balances

Electrochemical and Titration Instruments

pH Meters

- Portable pH Meters
- Benchtop pH Meters

Conductivity Meters

- Portable Conductivity Meters
- Benchtop Conductivity Meters

Dissolved Oxygen (DO) Meters

- Portable Dissolved Oxygen (DO) Meters
- Benchtop Dissolved Oxygen (DO) Meters

Salinity Meters

- Portable Salinity Meters
- Benchtop Salinity Meters

Total Dissolved Solids (TDS) Meters

- Portable Total Dissolved Solids (TDS) Meters
- Benchtop Total Dissolved Solids (TDS) Meters

Oxygen Reduction Potential (ORP) Meters

- Portable Oxygen Reduction Potential (ORP) Meters
- Benchtop Oxygen Reduction Potential (ORP) Meters

Ion (ISE) Meters

- Portable Ion (ISE) Meters
- Benchtop Ion (ISE) Meters

Multimeters

- Portable Multimeters
- Benchtop Multimeters

Potentiometric Titrators

Volumetric Titrators (Karl Fischer)

Colorimetric titrator (Karl Fischer)

Potentiostat/Galvanostat Instruments

PCR and Electrophoresis Systems

- PCR Thermal Cyclers
- Gel Electrophoresis Systems
- Capillary Electrophoresis System

Chromatography/Spectroscopy Systems

Gas Chromatography Systems

Liquid Chromatography Systems

Ion Chromatography Systems

Amino Acid Analysis Systems

Photometers

Vis/UV-Vis Spectrophotometers

NIR Spectrometers

FT-IR Spectrometers

Raman Spectrometers

Atomic Absorption Spectrometers (AAS)

Inductively Coupled Plasma Optical Emission Spectrometers (ICP-OES)

Inductively Coupled Plasma Mass Spectrometers (ICP-MS)

Extraction/Distillation Systems

Oil-Grease Analysis Instruments

Raw Cellulose Analysis Instruments

Manual Oil Analysis Instruments

Semi-Automatic Oil Analysis Instruments

Fully Automatic Oil Analysis Instruments

Kjeldahl Nitrogen/Protein Detection Instruments

Dumas Nitrogen/Protein Detection Instruments

Dumas C/H/N/S/O Detection Instruments

Carbon/Sulfur Detection Instruments

Manual Distillation Apparatus

Rheometer/Viscosity/Texture Analysis

Rheometers

- Portable Rheometers
- Benchtop Rheometers

Viscometers

- Portable Viscometers
- Benchtop Viscometers
- Kinematic Viscometers
- Dynamic Viscometers
- Saybolt Viscometers
- Capillary Viscometers

Texture Analysis Instruments

Color/Turbidity/Jar Test Instruments

Color Measurement Instruments

- Portable Color Measurement Instruments
- Benchtop Color Measurement Instruments

Turbidity Meters

- Portable Turbidity Meters
- Benchtop Turbidity Meters

Jar Test Instruments

- Portable Jar Test Instruments
- Benchtop Jar Test Instruments

Microplate Readers and Washers

Microplate Readers

- Eliza Microplate Readers
- Eliza Microplate Washers
- Eliza Strip Readers

BOD/COD/TOC Analysis Instruments

BOD Analysis Systems

COD Analysis Systems

TOC Analysis Systems

Parametric Milk Analysis Instruments

- Multi-Parameter Milk Analysis Instruments
 - Six-Parameter Instruments
 - Eight-Parameter Instruments
 - Ten-Parameter Instruments
- Somatic Cell Counting Instruments
- Cryoscopes
- Lactose Analysis Instruments
- Colony Counting Instruments

Particle Size and Zeta Potential

- Particle Size Instruments
- Particle Analysis Instruments
- Zeta Potential Instruments

Microscope/Refractometer/ Polarimeter

- Microscopes
 - Monocular Microscopes
 - Binocular Microscope
 - Trinocular Microscopes
 - Stereo Microscopes
- Refractometers
 - Portable Refractometers
 - Benchtop Refractometers
- Polarimeters
 - Manual Polarimeters
 - Digital Polarimeters

Flour and Grain Analysis Instruments

- Humidity/Hectoliter/Density Analysers
 - Portable Density Meters
 - Benchtop Density Meters
 - Moisture Balances
 - Portable Moisture Analyzers
 - Benchtop Moisture Analyzers
 - Humidity/Hectoliter Analyzers
- Gluten/Sedimentation/Falling Number
 - Gluten Index Analyzers
 - Gluten Dryer
 - Gluten Washers
 - Sedimentation Instruments
 - Falling Number Analyzers
- Malt and Phenolic Compound Analyzers
- NIR Systems

Melting-Freezing Point/Water Activity

- Manual Melting Point Testers
- Automatic Melting Point Testers
- Portable Water Activity Analyzers
- Benchtop Water Activity Analyzers

Petroleum Products Analysis Instruments

- Flash Point Testers
- Cloud and Pour Point Testers
- Aniline Point Testers
- Dropping Point Testers
- Carbon Mass Balance Testers
- Evaporation Loss Test Apparatus
- Water Separability Testers
- Penetrometers
- Foam Test Instruments
- Oxidation and Corrosion Measurement
- Vapor Pressure Measurement

Calorimetry/Thermal Analysis

- Differential Scanning Calorimetry (DSC)
- Thermogravimetric Analysis (TGA)
- Differential Thermal Gravimetric Analysis (DTG)
- Differential Thermal Analysis (DTA)
- Thermo Mechanical Analysis (TMA)
- Dynamic Mechanical Analysis (DMA)

Laboratory Supplies and Consumables

- Chemicals
 - Merck
 - Sigma-Aldrich-Fluka-Supelco
 - Carlo Erba
 - Acros Organics
 - Alfa Aesar
 - ABCR
 - Technical Grade Chemicals and Solutions
- Glass and Plastic Consumables
- Microbiological Testing Products

Surface Analysis Systems

- Contact Angle Measurement
- Tensiometers

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