

# BALAJI INDIA

## Laboratory Testing Instruments, Equipment & Glassware

Product Catalogue | 118 products across 5 categories

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| Product range                                | Products |
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Kolkata, West Bengal, India.

Telephone: +91-7980213535 / +91-9433264098

Email: [info@balajiindia.in](mailto:info@balajiindia.in)

Business hours: Mon - Sat, 9:00 AM - 6:30 PM IST

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# Oxygen Purity Apparatus



High-precision apparatus for measuring oxygen purity in industrial and analytical gas systems.

## Key Features

**Accurate Oxygen Purity Testing:** Designed for determining the purity of oxygen present in a given gas sample.

**Laboratory Gas Analysis:** Suitable for analytical testing and gas composition analysis in laboratory environments.

**Glass Apparatus for Reliable Observation:** Provides a clear glass setup that allows the testing process and gas sample handling to be easily observed.

## Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Application   | Oxygen purity testing          |
| Material      | Borosilicate glass             |
| Use           | Analytical and industrial labs |

## Carbon Sulphur Apparatus



Reliable glass apparatus built for carbon and sulphur determination in gas analysis workflows.

### Key Features

**Carbon & Sulphur Analysis:** Specifically designed for laboratory analysis involving carbon and sulphur components.

**Suitable for Analytical Laboratories:** Useful for laboratory-based testing and analytical procedures requiring carbon and sulphur determination.

**Designed for Controlled Analysis:** Provides a dedicated apparatus configuration for carrying out carbon and sulphur analysis in a laboratory setting.

### Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Application   | Carbon and sulphur analysis |
| Material      | Glass body                  |
| Use           | Lab calibration and QA      |

# CO2 Purity Apparatus



Precision apparatus for evaluating carbon dioxide purity and quality consistency in laboratory gas streams.

## Key Features

Carbon Dioxide Purity Testing: Designed to determine and assess the purity of carbon dioxide gas samples.

Gas Analysis Application: Suitable for laboratory procedures involving the examination and analysis of CO<sub>2</sub> gas.

Glass Laboratory Construction: The glass apparatus allows clear visibility during gas sampling and purity-testing procedures.

## Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Application   | CO2 purity testing           |
| Material      | Glass and fittings           |
| Use           | Research and quality control |

# Nitrogen Purity Apparatus



Designed for nitrogen purity testing with stable, repeatable analytical results.

## Key Features

**Nitrogen Purity Assessment:** Designed specifically to evaluate the purity of nitrogen in a gas sample.

**Gas Analysis Applications:** Suitable for laboratory procedures involving nitrogen and gas-composition assessment.

**Laboratory-Oriented Design:** Intended for analytical environments where controlled nitrogen purity testing is required.

## Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Application   | Nitrogen purity testing    |
| Material      | Borosilicate glass         |
| Use           | Industrial and lab systems |

## Orsat 3 Pipette Gas Analysis Apparatus



Three-pipette Orsat apparatus for gas analysis and volumetric measurement in analytical chemistry.

### Key Features

**Three-Pipette Configuration:** Features a three-pipette arrangement designed for systematic gas analysis.

**Volumetric Gas Analysis:** Suitable for determining gas composition through volumetric analytical procedures.

**Gas Mixture Testing:** Designed for laboratory analysis of different components present within gas mixtures.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Application   | Gas analysis         |
| Type          | 3 pipette Orsat      |
| Use           | Analytical chemistry |

# Orsat 4 Pipette Gas Analysis Apparatus



Four-pipette analytical setup for extended gas sampling, comparison, and composition analysis.

## Key Features

**Four-Pipette Configuration:** Incorporates four pipettes to support multi-stage laboratory gas analysis.

**Laboratory Gas Analysis:** Designed for analytical procedures involving the examination of gas samples and their composition.

**Gas Mixture Assessment:** Suitable for analyzing and assessing the components of gas mixtures in laboratory applications.

## Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Application   | Gas composition analysis |
| Type          | 4 pipette Orsat          |
| Use           | Research and QA          |

# Orsat 5 Pipette Gas Analysis Apparatus



Five-pipette Orsat apparatus offering broader gas analysis capability for detailed testing work.

## Key Features

**Five-Pipette Configuration:** Provides five pipettes for conducting more comprehensive gas analysis procedures.

**Multi-Component Gas Analysis:** Designed specifically for analysis of multiple components within a gas mixture.

**Suitable for Laboratory Applications:** Ideal for laboratory-based examination and volumetric analysis of complex gas mixtures.

## Technical Details

| Specification | Details                       |
|---------------|-------------------------------|
| Application   | Detailed gas analysis         |
| Type          | 5 pipette Orsat               |
| Use           | Advanced analytical workflows |

## BS/IP/RF U tube Reverse Flow Oswald Viscometer



Precision glass viscometer tube designed for BS, IP, and RF viscosity testing standards.

### Key Features

**Reverse-Flow Measurement:** Designed as a reverse-flow glass viscometer tube for controlled viscosity measurement of liquid samples.

**Controlled Testing:** Supports controlled testing conditions for evaluating the viscosity behaviour of liquids.

**Glass Viscometer Construction:** Manufactured as a glass viscometer tube suitable for laboratory viscosity-testing applications.

### Technical Details

| Specification | Details                          |
|---------------|----------------------------------|
| Standard      | BS / IP / RF                     |
| ASTM          | ASTM D445 / ASTM D446            |
| ISO           | ISO 3104 / ISO 3105              |
| Material      | Glass                            |
| Use           | Petroleum and analytical testing |

### Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 1    | 0.003                                  | 1.8                        |
| 2    | 0.01                                   | 2                          |
| 3    | 0.03                                   | 6                          |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 4    | 0.1                                    | 20                         |
| 5    | 0.3                                    | 60                         |
| 6    | 1                                      | 200                        |
| 7    | 3                                      | 600                        |
| 8    | 10                                     | 2000                       |
| 9    | 30                                     | 6000                       |

## BS U Tube Viscometer



U-tube viscometer for accurate viscosity measurement in laboratory fluid analysis.

### Key Features

**U-Tube Design:** Features a U-shaped glass configuration designed for viscosity measurement applications.

**Liquid Flow Behaviour:** Used to evaluate and measure the flow behaviour of liquid samples.

**Laboratory Testing:** Suitable for controlled laboratory procedures involving liquid viscosity and flow analysis.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Standard      | BS                           |
| ASTM          | ASTM D445 / ASTM D446        |
| ISO           | ISO 3104 / ISO 3105          |
| Material      | Glass                        |
| Use           | Laboratory viscosity testing |

### Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| O    | 0.001                                  | 0.3 to 1                   |
| A    | 0.003                                  | 0.9 to 3                   |
| B    | 0.01                                   | 2.0 to 10                  |
| C    | 0.03                                   | 6 to 30                    |
| D    | 0.1                                    | 20 to 100                  |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| E    | 0.3                                    | 60 to 300                  |
| F    | 1.0                                    | 200 to 1,000               |
| G    | 3.0                                    | 600 to 3,000               |
| H    | 10                                     | 2,000 to 10,000            |

# Cannon Fenske Reverse Flow Viscometer



Reverse-flow viscometer tube for petroleum and fluid viscosity determination.

## Key Features

**Reverse-Flow Design:** Designed with a reverse-flow configuration for viscosity measurement of liquid samples.

**Capillary Viscosity Testing:** Uses a capillary-based design for evaluating the viscosity characteristics of liquids.

**Versatile Sample Compatibility:** Suitable for testing both opaque and transparent liquid samples.

## Technical Details

| Specification | Details                |
|---------------|------------------------|
| Standard      | Cannon-Fenske          |
| Material      | Glass                  |
| ASTM          | ASTM D445 / ASTM D446  |
| ISO           | ISO 3104 / ISO 3105    |
| Use           | Oil and fluid analysis |

## Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 25   | 0.002                                  | 0.4 to 2                   |
| 50   | 0.004                                  | 0.8 to 4                   |
| 75   | 0.008                                  | 1.6 to 8                   |
| 100  | 0.015                                  | 3 to 15                    |
| 150  | 0.035                                  | 7 to 35                    |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 200  | 0.1                                    | 20 to 100                  |
| 300  | 0.25                                   | 50 to 250                  |
| 350  | 0.5                                    | 100 to 500                 |
| 400  | 1.2                                    | 240 to 1,200               |
| 450  | 2.5                                    | 500 to 2,500               |
| 500  | 8                                      | 1,600 to 8,000             |
| 600  | 20                                     | 4,000 to 20,000            |
| 650  | 50                                     | 10,000 to 50,000           |
| 700  | 100                                    | 20,000 to 100,000          |

# Cannon Manning Viscometer



Precision Cannon-Manning viscometer tube for stable viscosity assessment.

## Key Features

Capillary Viscometer Tube: Designed as a capillary viscometer tube for laboratory viscosity-testing applications.

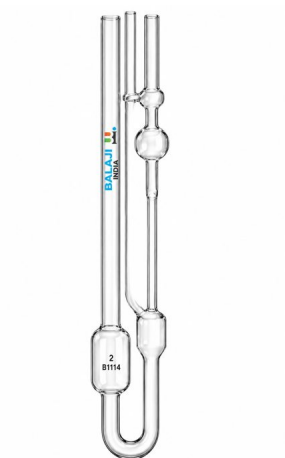
Kinematic Viscosity Testing: Specifically used for determining the kinematic viscosity characteristics of liquid samples.

Laboratory Analysis: Suitable for controlled viscosity measurements and liquid-flow analysis.

## Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Standard      | Cannon-Manning        |
| Material      | Glass                 |
| ASTM          | ASTM D445 / ASTM D446 |
| ISO           | ISO 3104 / ISO 3105   |
| Use           | Viscosity measurement |

# Ubbelohde viscometer



Suspended level viscometer for precise fluid viscosity measurements in controlled applications.

## Key Features

**Suspended-Level Design:** Features a suspended-level glass configuration designed for viscosity measurement.

**Kinematic Viscosity Measurement:** Intended for accurate determination of the kinematic viscosity of liquid samples.

**Glass Laboratory Construction:** Designed as a glass viscometer suitable for controlled laboratory testing and analysis.

## Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Standard      | Suspended level          |
| Material      | Glass                    |
| ASTM          | ASTM D445 / ASTM D446    |
| ISO           | ISO 3104 / ISO 3105      |
| Use           | Fluid viscosity analysis |

## Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 0    | 0.001                                  | 0.3 to 1                   |
| 0C   | 0.003                                  | 0.6 to 3                   |
| 0B   | 0.005                                  | 1 to 5                     |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 1    | 0.01                                   | 2 to 10                    |
| 1C   | 0.03                                   | 6 to 30                    |
| 1B   | 0.05                                   | 10 to 50                   |
| 2    | 0.1                                    | 20 to 100                  |
| 2C   | 0.3                                    | 60 to 300                  |
| 2B   | 0.5                                    | 100 to 500                 |
| 3    | 1.0                                    | 200 to 1,000               |
| 3C   | 3.0                                    | 600 to 3,000               |
| 3B   | 5.0                                    | 1,000 to 5,000             |
| 4    | 10                                     | 2,000 to 10,000            |
| 4C   | 30                                     | 6,000 to 30,000            |
| 4B   | 50                                     | 10,000 to 50,000           |
| 5    | 100                                    | 20,000 to 100,000          |

# Zeitfuchs Cross-Arm Viscometer



Cross-arm viscometer designed for low-volume viscosity testing of transparent and opaque liquids.

## Key Features

Sample Compatibility: Suitable for measuring both transparent and opaque liquids.

Low-Volume Testing: Recommended for low-volume sample applications in laboratory viscosity testing.

Compact Dimensions: Nominal overall length of 295 mm with an approximate sample volume of up to 3 mL.

## Technical Details

| Specification   | Details                        |
|-----------------|--------------------------------|
| Sample Type     | Transparent and opaque liquids |
| Recommended Use | Low-volume samples             |
| Overall Length  | 295 mm                         |
| Sample Volume   | Up to 3 mL                     |

## Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 1    | 0.003                                  | 0.6 to 3                   |
| 2    | 0.01                                   | 2 to 10                    |
| 3    | 0.03                                   | 6 to 30                    |
| 4    | 0.1                                    | 20 to 100                  |
| 5    | 0.3                                    | 60 to 300                  |
| 6    | 1.0                                    | 200 to 1,000               |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 7    | 3.0                                    | 600 to 3,000               |

# Suspended-Level Shortened Form Viscometer



Suspended-level shortened form viscometer suitable for transparent liquid viscosity measurements with calibration certificate.

## Key Features

Sample Compatibility: Suitable for measuring transparent liquids.

Calibration Assurance: Complete with UKAS Certificate of Calibration (ISO 17025), Laboratory No. 0247.

Compact Dimensions: Type BS/IP/SL with nominal overall length 250 mm and approximate sample volume of 10 mL.

## Technical Details

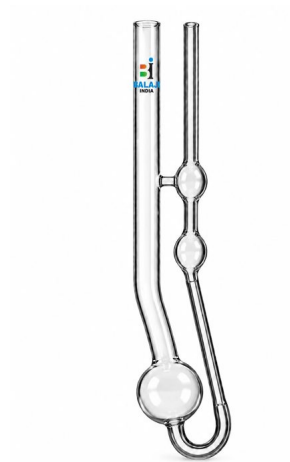
| Specification  | Details                      |
|----------------|------------------------------|
| Sample Type    | Transparent liquids          |
| Certificate    | UKAS ISO 17025, Lab No. 0247 |
| Type           | BS/IP/SL                     |
| Overall Length | 250 mm                       |
| Sample Volume  | 10 mL                        |

## Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 1    | 0.0008                                 | 1.05 min                   |
| 2    | 0.003                                  | 2.1 to 3                   |
| 3    | 0.01                                   | 3.8 to 10                  |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 4    | 0.03                                   | 6 to 30                    |
| 5    | 0.10                                   | 20 to 100                  |
| 6    | 0.3                                    | 60 to 300                  |
| 7    | 1.0                                    | 200 to 1,000               |
| 8    | 3.0                                    | 600 to 3,000               |
| 9    | 10                                     | 2,000 to 10,000            |

# Cannon Fenske Direct Flow Routine Viscometer



Direct-flow routine viscometer for calibrated viscosity measurement across standard petroleum and laboratory testing temperatures.

## Key Features

Calibration Data: Calibration data stated at 40, 50 & 100Å°C.

Calibration Assurance: Complete with UKAS Certificate of Calibration (ISO 17025).

Compact Dimensions: Nominal overall length 250 mm with approximate sample volume of 7 mL.

## Technical Details

| Specification  | Details         |
|----------------|-----------------|
| Calibration    | 40, 50 & 100Å°C |
| Certificate    | UKAS ISO 17025  |
| Overall Length | 250 mm          |
| Sample Volume  | 7 mL            |

## Available Sizes

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 25   | 0.002                                  | 0.5 to 2                   |
| 50   | 0.004                                  | 0.8 to 4                   |
| 75   | 0.008                                  | 1.6 to 8                   |
| 100  | 0.015                                  | 3 to 15                    |
| 150  | 0.035                                  | 7 to 35                    |

| Size | Constant (approx) (mm <sup>2</sup> /s) | Range (mm <sup>2</sup> /s) |
|------|----------------------------------------|----------------------------|
| 200  | 0.1                                    | 20 to 100                  |
| 300  | 0.25                                   | 50 to 250                  |
| 350  | 0.5                                    | 100 to 500                 |
| 400  | 1.2                                    | 240 to 1,200               |
| 450  | 2.5                                    | 500 to 2,500               |
| 500  | 8                                      | 1,600 to 8,000             |
| 600  | 20                                     | 4,000 to 20,000            |
| 650  | 50                                     | 10,000 to 50,000           |
| 700  | 100                                    | 20,000 to 100,000          |

# Viscometer Bench Stand



Bench stand equipment made to support viscometer tubes during accurate testing operations.

## Key Features

**Secure Tube Support:** Designed to hold viscometer tubes securely during viscosity-testing procedures.

**Stable Bench Setup:** Provides a stable support arrangement for conducting controlled laboratory measurements.

**Viscometer Testing Accessory:** Suitable for use with glass viscometer tubes in laboratory testing environments.

## Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Type          | Bench stand                    |
| Material      | Metal with glass compatibility |
| Use           | Instrument support             |

# Viscometer Holder



Viscometer holder for secure positioning and stability during lab viscosity measurements.

## Key Features

**Adjustable Support:** Features an adjustable design to accommodate and support glass viscometers during testing.

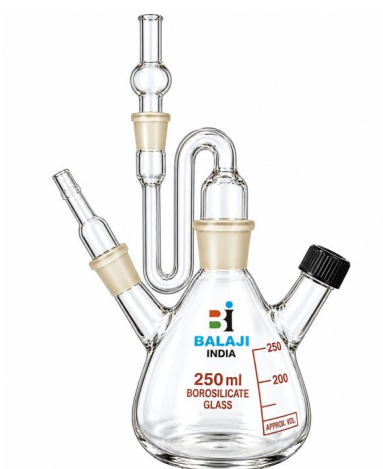
**Secure Viscometer Positioning:** Helps keep the viscometer properly supported within a bath or test setup.

**Laboratory Testing Accessory:** Suitable for use in controlled viscosity-testing arrangements requiring stable tube positioning.

## Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Type          | Holder                |
| Material      | Support structure     |
| Use           | Lab measurement setup |

## Special Custom Glassware



Custom-made laboratory glassware developed for specialized analytical and process requirements.

### Key Features

**Custom Laboratory Design:** Specially manufactured glassware assemblies designed according to specific laboratory requirements.

**Specialised Testing Applications:** Suitable for laboratory procedures that require a customised glassware configuration.

**Application-Specific Assembly:** Can be designed as a dedicated glassware solution for specialised testing and experimental setups.

### Technical Details

| Specification | Details                       |
|---------------|-------------------------------|
| Type          | Custom glassware              |
| Material      | Glass                         |
| Use           | Laboratory and process setups |

## Colour Comparator Discs



Comparator discs for precise visual comparison and colorimetric analysis in laboratory procedures.

### Key Features

**Interchangeable Discs:** Designed as replaceable colour discs that can be changed according to the requirements of compatible instruments.

**Visual Comparison:** Supports visual colour comparison during laboratory testing and analysis.

**Instrument Compatibility:** Intended for use with compatible visual comparator instruments for colour-based testing.

### Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Comparator disc            |
| Material      | Glass                      |
| Use           | Color testing and analysis |

## Emulsion Test Cylinder ASTM



ASTM-compliant cylinder designed for emulsion testing and liquid behavior assessment in laboratories.

### Key Features

**Graduated Measurement:** Features graduated markings to support controlled measurement and observation during testing.

**Oil & Water Emulsion Testing:** Specifically designed for evaluating oil and water emulsion characteristics.

**ASTM D1401 Application:** Intended for testing procedures associated with the ASTM D1401 standard.

### Technical Details

| Specification | Details          |
|---------------|------------------|
| Standard      | ASTM             |
| Material      | Glass            |
| Use           | Emulsion testing |

## Glass Apparatus



General-purpose analytical glass apparatus for accurate laboratory operations and experimentation.

### Key Features

**Special-Purpose Assembly:** Designed as a specialised laboratory glass assembly for specific testing requirements.

**Connected Vessels & Joints:** Incorporates multiple connected vessels and glass joints as part of its functional configuration.

**Laboratory Testing Applications:** Suitable for specialised laboratory experiments and analytical procedures requiring interconnected glassware.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Type          | General apparatus            |
| Material      | Glass                        |
| Use           | Chemical and analytical work |

# Sintered Glass Filter Funnel



Filter funnel with sintered glass base for precise filtration and separation processes.

## Key Features

**Fine Filtration:** Designed with a sintered glass disc to support fine filtration of laboratory samples.

**Integrated Filter Disc:** The sintered disc forms an integral filtration surface within the glass funnel.

**Laboratory Filtration:** Suitable for controlled filtration procedures where fine particle separation is required.

## Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Filter funnel             |
| Material      | Sintered glass            |
| Use           | Filtration and separation |

## Glass Impinger



Glass impinger for gas sampling and aerosol collection in analytical and environmental work.

### Key Features

**Sample Collection:** Designed to collect airborne contaminants or gas samples by capturing them in a liquid medium.

**Gas & Air Sampling:** Suitable for laboratory procedures involving air-quality or gas-sample collection.

**Glass Construction:** Provides a glass-based sampling assembly for controlled laboratory testing applications.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Type          | Impinger                |
| Material      | Glass                   |
| Use           | Sampling and collection |

# Glass Viscometer



Glass viscometer for precision viscosity testing across fluids and petroleum materials.

## Key Features

**Capillary Measurement:** Uses a capillary glass design for measuring the viscosity of liquid samples.

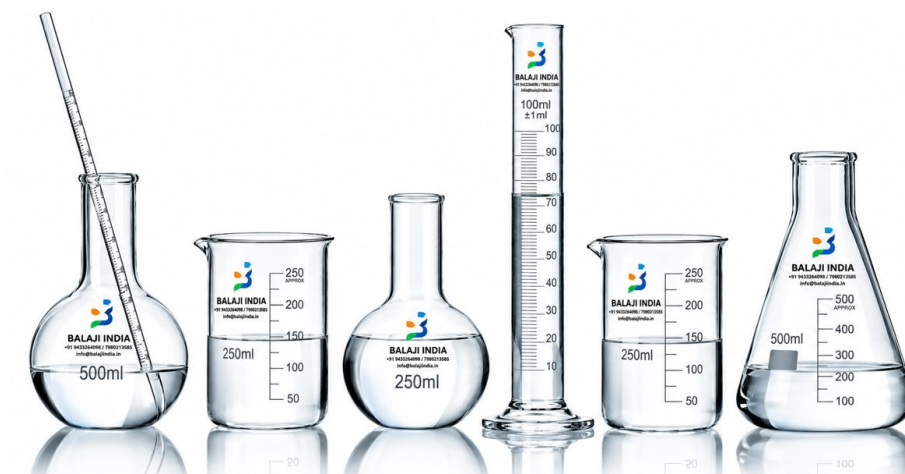
**Liquid Viscosity Testing:** Designed to determine the flow-related viscosity characteristics of liquids.

**Laboratory Application:** Suitable for controlled viscosity measurement and liquid analysis procedures.

## Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Type          | Viscometer            |
| Material      | Glass                 |
| Use           | Fluid and oil testing |

## Laboratory Glassware Set



Complete glassware set for daily laboratory operations, sample handling, and testing routines.

### Key Features

**Assorted Glassware:** Includes a selection of laboratory glassware intended for different routine testing requirements.

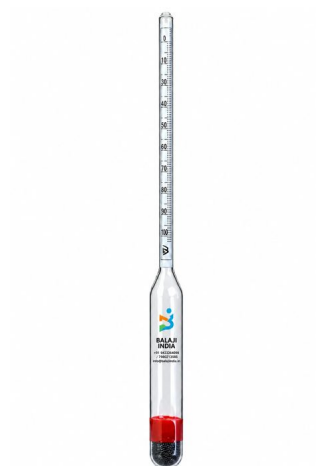
**Sample Preparation:** Suitable for preparing and handling laboratory samples before or during analysis.

**Routine Laboratory Testing:** Designed to support general laboratory testing and sample-processing applications.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Type          | Glassware set           |
| Material      | Glass                   |
| Use           | General laboratory work |

# Hydrometer



Hydrometer for measuring specific gravity and density in fluid testing applications.

## Key Features

**Relative Density Measurement:** Designed to measure the relative density of liquid samples.

**Floating Measurement Principle:** Uses a floating glass instrument to determine liquid density based on its position in the sample.

**Liquid Testing:** Suitable for laboratory applications involving density and specific-gravity assessment of liquids.

## Technical Details

| Specification | Details        |
|---------------|----------------|
| Type          | Hydrometer     |
| Material      | Glass          |
| Use           | Liquid testing |

## IP and ASTM Thermometers



Precision thermometers conforming to IP and ASTM standards for laboratory and testing protocols.

### Key Features

**Laboratory Temperature Measurement:** Designed for accurate temperature measurement during laboratory testing procedures.

**Petroleum Testing Applications:** Specifically intended for use in standard petroleum testing methods.

**IP & ASTM Methods:** Suitable for testing procedures associated with recognised IP and ASTM petroleum-testing methods.

### Technical Details

| Specification | Details                |
|---------------|------------------------|
| Standard      | IP / ASTM              |
| Material      | Glass                  |
| Use           | Temperature monitoring |

## Foaming Test Cylinder ASTM



ASTM-standard foaming test cylinder used for evaluating foam characteristics and stability.

### Key Features

Graduated Test Cylinder: Features graduated measurement markings for controlled observation during testing.

Lubricant Foaming Tests: Designed for evaluating the foaming characteristics of lubricants.

ASTM D892 Application: Intended as a replacement test cylinder for procedures conducted according to ASTM D892.

### Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Standard      | ASTM                     |
| Material      | Glass                    |
| Use           | Foam performance testing |

## Spare Pour Point Tube



Replacement pour point tube for maintaining testing equipment performance and accuracy.

### Key Features

**Replacement Glass Tube:** Designed as a replacement component for laboratory pour-point testing equipment.

**Pour-Point Determination:** Specifically intended for procedures used to determine the pour point of liquid samples.

**Testing Equipment Spare:** Provides a replacement glass tube for maintaining and continuing pour-point testing operations.

### Technical Details

| Specification | Details                |
|---------------|------------------------|
| Type          | Spare tube             |
| Material      | Glass                  |
| Use           | Instrument maintenance |

## Sampling Can



Sampling can for collecting and transporting petroleum and lubricant samples under controlled conditions.

### Key Features

**Representative Sample Collection:** Designed to collect representative liquid samples for laboratory and testing procedures.

**Metal Construction:** Made as a metal sampling container suitable for handling liquid samples.

**Sampling Applications:** Suitable for collecting samples from oils, petroleum products, and other liquids requiring analysis.

### Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Type          | Sampling container             |
| Material      | Metal / standard lab materials |
| ASTM          | ASTM D4057 , ASTM D4306        |
| ISO           | ISO 51 / ISO 3170              |
| Use           | Oil and petroleum sampling     |

## Abel Flash Point Apparatus Ordinary



Ordinary Abel flash point apparatus for determining the flash point of petroleum products.

### Key Features

**Flash Point Determination:** Designed to determine the flash point of suitable petroleum products.

**Conventional Testing Design:** Provides a traditional apparatus configuration for laboratory flash-point testing.

**Petroleum Testing Application:** Suitable for testing petroleum products where flash-point evaluation is required.

### Technical Details

| Specification | Details            |
|---------------|--------------------|
| Test          | Abel flash point   |
| Type          | Ordinary apparatus |
| Use           | Petroleum analysis |

## Oil Separation Apparatus ASTM D6184 IP21



ASTM D6184 / IP21 oil separation apparatus for evaluating separation characteristics in lubricants and oils.

### Key Features

**Oil Separation Testing:** Designed to evaluate the separation of oil from lubricating grease.

**Grease Performance Evaluation:** Helps assess oil separation characteristics that are relevant to grease quality testing.

**Standard-Based Application:** Intended for testing associated with ASTM D6184 and IP121 methods.

### Technical Details

| Specification | Details                          |
|---------------|----------------------------------|
| Standard      | ASTM D6184 / IP21                |
| Application   | Oil separation testing           |
| Use           | Petroleum and lubricant analysis |

## Automatic Cooling Cloud and Pour Point Apparatus



Automatic instrument for cloud and pour point determination with controlled cooling and precise measurement.

### Key Features

**Automatic Testing:** Provides automated testing for determining cloud point and pour point.

**Refrigerated System:** Uses an automatic refrigerated system to control cooling conditions during testing.

**Petroleum Product Analysis:** Suitable for evaluating low-temperature characteristics of petroleum products.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Test          | Cloud and pour point      |
| Operation     | Automatic                 |
| IS            | IS - 1448 P-10, IP-15     |
| Use           | Petroleum quality control |

## Automatic Bomb Calorimeter



Automatic bomb calorimeter for precise heat value testing of fuels and related materials.

### Key Features

**Heat of Combustion Measurement:** Designed to determine the heat of combustion released by a sample.

**Digital Calorimetric Operation:** Uses a digital system for controlled calorimetric testing.

**Laboratory Energy Analysis:** Suitable for laboratory evaluation of the energy content of combustible samples.

### Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Test          | Bomb calorimetry         |
| Operation     | Automatic                |
| Use           | Fuel and energy analysis |

## Automatic Surface Tensiometer



Automatic instrument for measuring surface tension in oils, fuels, and process liquids.

### Key Features

**Surface Tension Measurement:** Designed to measure the surface tension of liquid samples.

**Interfacial Tension Testing:** Suitable for determining the interfacial tension between liquids.

**Automatic Operation:** Provides automated measurement for controlled laboratory testing.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Test          | Surface tension         |
| Operation     | Automatic               |
| Use           | Fuel and fluid analysis |

## Cleveland Flash Point Apparatus Digital



Digital Cleveland flash point apparatus used for precise flash point testing of petroleum products.

### Key Features

**Flash & Fire Point Testing:** Designed for determining the flash point and fire point of suitable samples.

**Digital Operation:** Provides digitally controlled testing for convenient laboratory operation.

**Open-Cup Configuration:** Uses the Cleveland open-cup method for flash and fire point evaluation.

### Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Test          | Cleveland flash point |
| Type          | Digital               |
| Use           | Fuel and oil analysis |

## Cleveland Flash Point Apparatus Ordinary



Ordinary Cleveland flash point apparatus for standard flash point spot checks in petroleum testing.

### Key Features

**Flash & Fire Point Determination:** Designed to determine flash and fire points during petroleum testing.

**Conventional Open-Cup Design:** Uses a traditional Cleveland open-cup apparatus configuration.

**Laboratory Petroleum Testing:** Suitable for routine flash-point and fire-point testing applications.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Test          | Cleveland flash point     |
| Type          | Ordinary                  |
| Use           | Routine petroleum testing |

## Cloud and Pour Point Apparatus Manual 2 Test



Manual two-test cloud and pour point apparatus for standard low-temperature behavior measurements.

### Key Features

**Two-Position Testing:** Features a manual two-position configuration for conducting cloud-point and pour-point tests.

**Cloud Point Evaluation:** Designed to identify the temperature characteristics associated with cloud formation.

**Pour Point Testing:** Suitable for determining the low-temperature flow characteristics of petroleum products.

### Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Test          | Cloud and pour point       |
| Type          | Manual 2 test              |
| ASTM          | ASTM D2500                 |
| Use           | Fuel and lubricant testing |

## Colour Comparator Discs



Comparator discs used for color and quality grading in petroleum and lubricant analysis.

### Key Features

**Petroleum Colour Reference:** Provides colour reference discs for evaluating the colour of petroleum products.

**Visual Comparison:** Supports visual colour comparison during petroleum-product testing.

**Compatible Instrument Use:** Designed for use with compatible petroleum colour comparator instruments.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Type          | Comparator disc              |
| Material      | Glass                        |
| Use           | Color grading and inspection |

## Chlorine Colour Comparator



Comparator system for chlorine-related color evaluation and water or fluid parameter checks.

### Key Features

**Chlorine Concentration Estimation:** Designed to estimate chlorine concentration through visual colour matching.

**Colour Comparison Method:** Uses visual comparison to assess chlorine levels in test samples.

**Laboratory Testing Kit:** Suitable for routine chlorine concentration testing applications.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Application   | Chlorine analysis    |
| Type          | Comparator           |
| Use           | Condition monitoring |

## ASTM D1500 Colour Comparator



Color comparator designed for ASTM D1500 petroleum color grading and product assessment.

### Key Features

**ASTM Colour Determination:** Designed to determine the ASTM colour of petroleum products.

**Visual Comparison:** Uses a visual comparator method for comparing sample colour against reference standards.

**Petroleum Testing Application:** Suitable for laboratory colour assessment of petroleum products.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Standard      | ASTM D1500                |
| Application   | Color comparison          |
| Use           | Petroleum quality control |

## Conradson Carbon Residue Apparatus



Residue testing apparatus for determining carbon-forming tendencies in lubricating oils and residual fuels.

### Key Features

**Carbon Residue Testing:** Designed to estimate the carbon residue remaining after controlled heating.

**Controlled Heating Process:** Supports controlled heating of petroleum samples for residue evaluation.

**Petroleum Characterisation:** Suitable for laboratory assessment of carbon-forming characteristics of petroleum products.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Test          | Conradson carbon residue  |
| Application   | Lubricant / fuel analysis |
| ASTM          | ASTM D 189                |
| IS            | IS- 13                    |
| Use           | Quality assurance         |

## Copper Corrosion Bath



Copper corrosion bath for testing the corrosive tendency of petroleum products against copper.

### Key Features

**Copper Strip Corrosion Testing:** Designed specifically for evaluating the corrosive effect of samples on copper strips.

**Temperature-Controlled Bath:** Provides controlled temperature conditions during corrosion testing.

**Petroleum Product Evaluation:** Suitable for assessing corrosion characteristics of oils and petroleum products.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Test          | Copper corrosion     |
| Application   | Petroleum products   |
| ASTM          | ASTM D 130           |
| Use           | Corrosion evaluation |

## Dean and Stark Apparatus



Dean and Stark unit for moisture and distillation determination in oils and fuels.

### Key Features

**Water Content Determination:** Designed to determine the water content of samples using the Dean-Stark method.

**Distillation Assembly:** Uses a specialised distillation arrangement for separating and collecting water during testing.

**Laboratory Analysis:** Suitable for moisture and water-content determination in petroleum and related samples.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Test          | Dean and Stark          |
| Application   | Moisture / distillation |
| Use           | Fuel and oil analysis   |

## Density Bath



Density bath used to maintain stable temperature conditions during density and specific gravity testing.

### Key Features

**Controlled Temperature Testing:** Provides a controlled-temperature environment for density measurement procedures.

**Petroleum Density Applications:** Designed for use during petroleum-product density measurements.

**Stable Testing Conditions:** Helps maintain consistent temperature conditions throughout laboratory testing.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Application   | Density testing              |
| Type          | Bath                         |
| Use           | Petroleum and fluid analysis |

## Digital Abel Flash Point Apparatus



Digital Abel flash point tester offering precise fuel and solvent flash point detection.

### Key Features

**Flash Point Determination:** Designed for determining the flash point of suitable liquid samples.

**Digital Control:** Provides digitally controlled operation for convenient and consistent testing.

**Laboratory Safety Testing:** Suitable for controlled flash-point evaluation in petroleum and related testing applications.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Test          | Abel flash point          |
| Type          | Digital                   |
| Use           | Fuel and solvent analysis |

## Digital Redwood Viscometer No 1



Digital Redwood No. 1 viscometer for accurate viscosity tests of petroleum products.

### Key Features

**Viscosity Measurement:** Designed to measure the flow characteristics and viscosity of liquid samples.

**Digital Operation:** Provides digitally controlled measurement for laboratory viscosity testing.

**Flow-Time Determination:** Suitable for determining liquid flow time as part of viscosity evaluation.

### Technical Details

| Specification | Details            |
|---------------|--------------------|
| Standard      | Redwood No. 1      |
| Type          | Digital            |
| Use           | Viscosity analysis |

## Stormer Krebs Paddle Viscometer



Paddle viscometer for measuring the viscosity of grease and semi-solid materials.

### Key Features

**Paddle-Type Measurement:** Uses a paddle-type measurement configuration for evaluating material consistency.

**Coating & Material Testing:** Designed for viscosity or consistency testing of coatings and similar materials.

**Controlled Laboratory Analysis:** Suitable for laboratory evaluation of liquid and semi-liquid material behaviour.

### Technical Details

| Specification | Details            |
|---------------|--------------------|
| Type          | Stormer / Krebs    |
| Application   | Grease viscosity   |
| Use           | Industrial testing |

## Drop Point Apparatus with Digital Indicator



Drop point apparatus with digital indicator for precise grease and lubricant softening point measurement.

### Key Features

**Grease Drop Point Testing:** Designed to determine the dropping point of lubricating grease.

**Digital Indication:** Provides digital indication of the test result for easier observation.

**Controlled Laboratory Testing:** Suitable for controlled evaluation of grease temperature characteristics.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Test          | Drop point                   |
| Type          | Digital indicator            |
| Use           | Grease and lubricant testing |

## Drop Point Solid Block ASTM D2265



Solid block drop point apparatus for ASTM D2265 grease testing and thermal transition analysis.

### Key Features

**High-Temperature Testing:** Designed for high-temperature dropping-point tests of lubricating grease.

**Solid-Block Construction:** Uses a solid-block apparatus configuration for controlled testing.

**ASTM D2265 Application:** Suitable for grease testing procedures associated with ASTM D2265.

### Technical Details

| Specification | Details         |
|---------------|-----------------|
| Standard      | ASTM D2265      |
| Test          | Drop point      |
| Use           | Grease analysis |

# Drum Thief Sampler



Drum thief sampler for representative petroleum and liquid sampling from storage drums.

## Key Features

**Liquid Sample Collection:** Designed to collect liquid samples directly from drums and containers.

**Long-Tube Design:** Features a long sampling tube for reaching into containers during sample collection.

**Representative Sampling:** Suitable for obtaining samples for subsequent laboratory analysis.

## Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Sampler                    |
| Use           | Bulk oil and fuel sampling |
| Application   | Industrial storage tanks   |

## Electronic Weighing Balance



Electronic weighing balance for accurate material measurement in petroleum and laboratory analysis.

### Key Features

**Digital Weighing:** Provides electronic measurement for weighing laboratory samples.

**Routine Sample Handling:** Designed for weighing materials during everyday laboratory procedures.

**Laboratory Application:** Suitable for controlled sample preparation and analytical testing.

### Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Type          | Electronic balance          |
| Use           | Industrial and lab weighing |
| Application   | Sample preparation          |

## EMCOR Rust Test Apparatus



EMCOR apparatus for evaluating the rust-preventing properties of lubricants and fluids.

### Key Features

**Rust Protection Evaluation:** Designed to evaluate the corrosion-protection properties provided by lubricating grease.

**Multi-Station Testing:** Features a multi-station arrangement for conducting testing procedures.

**Grease Performance Testing:** Suitable for assessing the rust-preventive performance of grease formulations.

### Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Test          | EMCOR rust test              |
| Application   | Lubricants and fluids        |
| Use           | Corrosion prevention testing |

## Emulsion Test Apparatus



Apparatus for testing the stability and separation behavior of emulsions in lubricants and fluids.

### Key Features

**Oil-Water Separation Testing:** Designed to evaluate the separation behaviour of oil and water emulsions.

**Temperature Control:** Provides controlled temperature conditions during emulsion testing.

**Petroleum & Lubricant Analysis:** Suitable for evaluating emulsion characteristics in laboratory environments.

### Technical Details

| Specification | Details             |
|---------------|---------------------|
| Application   | Emulsion stability  |
| Use           | Fluid analysis      |
| Test          | Emulsion assessment |

## Engler Viscometer



Engler viscometer for measuring viscosity in oils and petroleum-related liquids.

### Key Features

**Liquid Viscosity Measurement:** Designed to determine the viscosity characteristics of liquid samples.

**Engler Degree Measurement:** Measures viscosity in terms of Engler degrees.

**Efflux-Based Testing:** Uses an efflux principle for controlled viscosity evaluation.

### Technical Details

| Specification | Details                |
|---------------|------------------------|
| Type          | Engler                 |
| Use           | Oil and liquid testing |
| Application   | Viscosity analysis     |

## Equilibrium Flux Point Apparatus



Apparatus for equilibrium flux point testing and fluid property evaluation in controlled conditions.

### Key Features

**Flux-Point Testing:** Designed for laboratory testing of equilibrium flow or flux-point characteristics.

**Controlled Laboratory Setup:** Provides a dedicated arrangement for conducting flux-point testing procedures.

**Material Characterisation:** Suitable for evaluating flow-related properties of test materials.

### Technical Details

| Specification | Details                |
|---------------|------------------------|
| Test          | Equilibrium flux point |
| Application   | Fluid analysis         |
| Use           | Research and QA        |

## Float Test Apparatus



Float test apparatus for measuring the flow and consistency characteristics of petroleum materials.

### Key Features

Consistency Testing: Designed to evaluate the consistency characteristics of bituminous materials.

Float Method: Uses the float method for conducting consistency measurements.

Bitumen Testing: Suitable for laboratory testing and quality assessment of bituminous materials.

### Technical Details

| Specification | Details             |
|---------------|---------------------|
| Test          | Float test          |
| Application   | Petroleum materials |
| Use           | Quality control     |

## Foam Test Apparatus



Foam test apparatus for quantifying foam behavior in lubricants and process fluids.

### Key Features

**Foaming Tendency Evaluation:** Designed to assess the foaming behaviour of lubricating oils.

**Controlled Bath System:** Uses a controlled bath arrangement during foam testing.

**Lubricant Testing:** Suitable for laboratory evaluation of foaming characteristics in lubricating oils.

### Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Test          | Foam test             |
| Application   | Lubricants and fluids |
| Use           | Performance testing   |

## Ford Flow Cup



Ford flow cup for viscosity and flow-time evaluation of coatings, oils, and inks.

### Key Features

**Quick Viscosity Checks:** Designed for rapid estimation and comparison of liquid flow characteristics.

**Flow Cup Design:** Uses a flow-cup method for evaluating viscosity-related properties.

**Paint & Coating Applications:** Suitable for paints, coatings, and similar liquid materials.

### Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Flow cup                   |
| Application   | Fluid flow analysis        |
| Use           | Industrial and lab testing |

# Grease Rolling Stability Apparatus



Apparatus for evaluating grease stability under rolling and mechanical stress conditions.

## Key Features

**Rolling Stability Testing:** Designed to evaluate changes in grease consistency after rolling.

**Grease Performance Assessment:** Helps assess how mechanical rolling affects the characteristics of lubricating grease.

**Laboratory Consistency Testing:** Suitable for controlled grease stability evaluation.

## Technical Details

| Specification | Details           |
|---------------|-------------------|
| Application   | Grease testing    |
| Test          | Rolling stability |
| Use           | Lubricant QA      |

## Hand Operated Grease Worker



Hand-operated grease worker for grease preparation and mechanical working under controlled conditions.

### Key Features

**Manual Grease Conditioning:** Designed to mechanically work and condition grease before consistency testing.

**Hand-Operated Design:** Provides manual operation for controlled grease preparation.

**Consistency Test Preparation:** Suitable for preparing grease samples before subsequent laboratory consistency evaluation.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Type          | Grease worker        |
| Application   | Grease preparation   |
| Use           | Lubricant processing |

# High Temperature Melting Point Apparatus



High-temperature melting point apparatus designed for materials with elevated melting ranges.

## Key Features

**High-Temperature Testing:** Designed for laboratory determination of melting points at elevated temperatures.

**Heated Apparatus:** Provides a heated testing arrangement for controlled melting-point evaluation.

**Laboratory Material Analysis:** Suitable for testing materials requiring high-temperature melting-point assessment.

## Technical Details

| Specification | Details           |
|---------------|-------------------|
| Test          | Melting point     |
| Temperature   | High range        |
| Use           | Material analysis |

## IP and ASTM Thermometers



IP and ASTM thermometers for controlled temperature measurement in petroleum and lubricant processes.

### Key Features

**Petroleum Temperature Measurement:** Designed for temperature measurement during petroleum-product testing.

**Standard Testing Methods:** Suitable for laboratory procedures based on IP and ASTM testing methods.

**Laboratory Thermometer Design:** Intended for controlled temperature monitoring during analytical testing.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Standard      | IP / ASTM               |
| Application   | Temperature measurement |
| Use           | Testing and monitoring  |

## Kinematic Viscosity Glass Jar Bath



Glass jar bath used to maintain temperature conditions for kinematic viscosity measurements.

### Key Features

**Kinematic Viscosity Testing:** Designed to provide the required environment for kinematic viscosity measurements.

**Multiple Test Positions:** Features a glass-jar bath configuration with multiple positions for testing.

**Controlled Testing Environment:** Provides a controlled bath arrangement for laboratory viscosity analysis.

### Technical Details

| Specification | Details             |
|---------------|---------------------|
| Type          | Glass jar bath      |
| Application   | Kinematic viscosity |
| Use           | Petroleum testing   |

## Kinematic Viscosity Rectangular Bath



Rectangular bath for stable thermal control during kinematic viscosity testing of petroleum samples.

### Key Features

**Constant-Temperature Operation:** Designed to maintain controlled temperature conditions during viscosity measurements.

**Kinematic Viscosity Testing:** Specifically intended for kinematic viscosity measurement procedures.

**Rectangular Bath Design:** Provides a rectangular laboratory bath configuration suitable for viscosity testing setups.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Type          | Rectangular bath     |
| Application   | Kinematic viscosity  |
| Use           | Oil and fuel testing |

## Leakage Tendency Apparatus for Grease



Apparatus for evaluating leakage tendency and structural stability of grease under controlled conditions.

### Key Features

**Leakage Evaluation:** Designed to assess the leakage tendency of lubricating grease.

**Grease Performance Testing:** Helps evaluate the ability of grease to resist leakage under test conditions.

**Laboratory Application:** Suitable for controlled testing and quality evaluation of lubricating grease.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Application   | Grease testing            |
| Test          | Leakage tendency          |
| Use           | Lubricant quality control |

## Mechanical Grease Worker



Mechanical grease worker used to produce consistent grease working and stability under repeatable conditions.

### Key Features

**Mechanical Conditioning:** Designed to mechanically condition grease before consistency or performance testing.

**Motor-Driven Operation:** Provides powered mechanical working for repeatable sample conditioning.

**Repeatable Testing Preparation:** Suitable for preparing grease samples under consistent laboratory conditions.

### Technical Details

| Specification | Details           |
|---------------|-------------------|
| Type          | Mechanical worker |
| Application   | Grease production |
| Use           | Lubricant testing |

## Micro Carbon Residue Apparatus



Micro carbon residue apparatus for precise deposition and residue testing in fuels and oils.

### Key Features

Micro Carbon Residue Testing: Designed for determining carbon residue characteristics in petroleum samples.

Petroleum Sample Analysis: Suitable for laboratory testing of petroleum products and related samples.

Residue Evaluation: Supports assessment of carbon-forming residue remaining after controlled testing.

### Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Test          | Micro carbon residue  |
| Application   | Fuel and oil analysis |
| Use           | Quality assurance     |

# Oil Flow Cup Viscometer



Flow cup viscometer used to determine the flow time and relative viscosity of oils and liquids.

## Key Features

**Rapid Viscosity Measurement:** Designed for quick measurement of liquid flow time and viscosity-related characteristics.

**Cup-Type Design:** Uses a cup-based configuration for convenient flow testing.

**Liquid Testing:** Suitable for routine viscosity checks of oils and similar liquid materials.

## Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Flow cup viscometer        |
| Application   | Oil analysis               |
| Use           | Viscosity and flow testing |

## Oxidation Bath



Oxidation bath for controlled oil oxidation testing and product stability evaluation.

### Key Features

**Oxidation Stability Testing:** Designed to provide controlled conditions for evaluating oxidation stability.

**Temperature Control:** Maintains controlled bath conditions during oxidation-related testing.

**Oil & Petroleum Applications:** Suitable for laboratory assessment of the oxidation behaviour of oils and petroleum products.

### Technical Details

| Specification | Details             |
|---------------|---------------------|
| Test          | Oxidation           |
| Application   | Fluid stability     |
| Use           | Oils and lubricants |

# Penetrometer



Penetrometer for testing the hardness and penetration consistency of grease and semi-solids.

## Key Features

**Penetration Measurement:** Designed to measure the penetration characteristics of grease, bitumen, and similar materials.

**Consistency Evaluation:** Supports assessment of material consistency through penetration testing.

**Precision Laboratory Instrument:** Suitable for controlled testing where accurate penetration measurements are required.

## Technical Details

| Specification | Details                |
|---------------|------------------------|
| Test          | Penetration            |
| Application   | Grease and semi-solids |
| Use           | Consistency testing    |

## Pensky Martens Flash Point Apparatus Ordinary



Ordinary Pensky-Martens apparatus for flash point testing in fuels and petrochemicals.

### Key Features

**Closed-Cup Flash Point Testing:** Designed for determining flash point using the Pensky-Martens closed-cup method.

**Conventional Operation:** Provides a traditional apparatus configuration for laboratory testing.

**Petroleum & Liquid Testing:** Suitable for flash-point evaluation of appropriate petroleum and liquid samples.

### Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Test          | Pensky-Martens           |
| Type          | Ordinary                 |
| Use           | Fuel and solvent testing |

## Pensky Martens Flash Point Apparatus Digital



Digital Pensky-Martens apparatus for accurate flash point testing of petroleum liquids.

### Key Features

**Digital Flash Point Testing:** Designed for determining the flash point of liquid samples using a closed-cup configuration.

**Digital Control:** Provides digitally controlled operation for convenient laboratory testing.

**Closed-Cup Method:** Suitable for controlled flash-point determination using the Pensky-Martens principle.

### Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Test          | Pensky-Martens        |
| Type          | Digital               |
| Use           | Fuel and oil analysis |

## Redwood Viscometer Ordinary



Ordinary Redwood viscometer for measuring viscosity of petroleum oils and derivatives.

### Key Features

**Liquid Flow-Time Measurement:** Designed to determine the flow time of liquid samples.

**Conventional Viscometer:** Provides a traditional Redwood viscometer configuration for laboratory testing.

**Viscosity Evaluation:** Suitable for evaluating liquid flow behaviour as part of viscosity testing.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Type          | Redwood              |
| Use           | Petroleum viscometry |
| Application   | Oil analysis         |

## Reid Vapour Pressure Apparatus



Apparatus used to determine the vapour pressure of volatile petroleum liquids.

### Key Features

**Vapour Pressure Determination:** Designed to determine the vapour pressure of petroleum products.

**Petroleum Testing Application:** Suitable for laboratory evaluation of the volatility characteristics of petroleum samples.

**Controlled Test Setup:** Provides a dedicated apparatus configuration for vapour-pressure testing.

### Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Test          | Reid vapour pressure        |
| Application   | Gasoline and volatile fuels |
| Use           | Volatility analysis         |

## Rust Preventive Test Bath



Bath for evaluating the rust-preventive effectiveness of oils and protective lubricants.

### Key Features

**Rust-Preventive Property Testing:** Designed to evaluate the ability of oils to provide protection against rust.

**Multi-Position Bath:** Provides multiple testing positions for conducting evaluation procedures.

**Heated Testing Environment:** Uses a heated bath configuration for controlled rust-preventive testing.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Test          | Rust prevention      |
| Application   | Protective oils      |
| Use           | Lubricant evaluation |

## Saybolt Viscometer Two Test



Two-test Saybolt viscometer for petroleum viscosity evaluation using standard flow measurements.

### Key Features

**Two-Position Testing:** Designed with two test positions for conducting viscosity measurements.

**Efflux Viscosity Testing:** Uses an efflux-based method for evaluating liquid viscosity.

**Standard Laboratory Application:** Suitable for routine and comparative viscosity testing of liquid samples.

### Technical Details

| Specification | Details           |
|---------------|-------------------|
| Type          | Saybolt           |
| Application   | Viscosity testing |
| Use           | Oil analysis      |

## Sediment by Extraction Apparatus



Apparatus used for extracting and measuring sediment in petroleum and fuel samples.

### Key Features

**Sediment Determination:** Designed to determine the sediment content present in petroleum samples.

**Extraction-Based Testing:** Uses an extraction assembly to separate and evaluate sediment from the sample.

**Petroleum Sample Analysis:** Suitable for laboratory quality assessment of petroleum products.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Application   | Sediment measurement    |
| Use           | Fuel and oil evaluation |
| Test          | Extraction analysis     |

## Smoke Point Apparatus



Smoke point apparatus for determining the combustion quality and smoke tendency of kerosene and fuel oils.

### Key Features

**Smoke Point Determination:** Designed to determine the smoke point of kerosene-type fuels.

**Lamp-Based Testing:** Uses a lamp-based testing arrangement for controlled smoke-point evaluation.

**Fuel Quality Assessment:** Suitable for laboratory testing of kerosene and related petroleum fuels.

### Technical Details

| Specification | Details                |
|---------------|------------------------|
| Test          | Smoke point            |
| Application   | Kerosene and fuel oils |
| Use           | Combustion evaluation  |

# Manual Surface Tensiometer



Manual surface tensiometer for measuring the surface tension of liquids in laboratory conditions.

## Key Features

**Surface Tension Measurement:** Designed to measure the surface tension of liquid samples.

**Mechanical Operation:** Uses a manual mechanical method for conducting surface-tension measurements.

**Laboratory Liquid Analysis:** Suitable for controlled testing of liquid surface properties.

## Technical Details

| Specification | Details                |
|---------------|------------------------|
| Test          | Surface tension        |
| Type          | Manual                 |
| Use           | Fluid characterization |

## Tag Flash Point Tester



Tag flash point tester used for fuel and volatile liquid flash point analysis under standard conditions.

### Key Features

**Low Flash-Point Testing:** Designed for testing liquid samples with relatively low flash points.

**Closed-Cup Configuration:** Uses a Tag closed-cup testing arrangement for flash-point determination.

**Liquid Sample Evaluation:** Suitable for laboratory analysis of appropriate petroleum and liquid samples.

### Technical Details

| Specification | Details          |
|---------------|------------------|
| Test          | Tag flash point  |
| Application   | Volatile liquids |
| Use           | Fuel analysis    |

## Viscometer Bench Stand



Bench stand designed to securely support viscometers during laboratory testing and fluid measurements.

### Key Features

**Secure Tube Support:** Designed to securely suspend and support multiple viscometer tubes during testing.

**Stable Bench Arrangement:** Provides a stable frame for organising viscometer tubes during laboratory procedures.

**Multiple-Tube Testing:** Suitable for laboratory setups requiring several viscometers to be positioned securely.

### Technical Details

| Specification | Details            |
|---------------|--------------------|
| Type          | Bench stand        |
| Application   | Viscometer setup   |
| Use           | Testing operations |

## Viscometer Holder



Holder for securing viscometers in position for accurate and stable measurement during testing.

### Key Features

**Viscometer Positioning:** Designed to hold and position viscometer tubes correctly during testing.

**Secure Tube Support:** Helps maintain stable positioning of glass viscometer tubes throughout the test.

**Laboratory Accessory:** Suitable for use with compatible viscometers and viscosity-testing setups.

### Technical Details

| Specification | Details            |
|---------------|--------------------|
| Type          | Holder             |
| Application   | Viscometer support |
| Use           | Lab testing        |

## Visgage



Visgage instrument for quick inspection and measurement of fluid properties in industrial settings.

### Key Features

**Quick Viscosity Estimation:** Designed for rapid comparison and estimation of liquid viscosity.

**Portable Design:** Provides a convenient portable solution for viscosity comparison.

**Field & Laboratory Use:** Suitable for quick viscosity checks where a compact comparison device is required.

### Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Type gauge                |
| Use           | Fluid property inspection |
| Application   | Industrial monitoring     |

# Zahn Cup



Zahn cup for quick flow-time evaluation and relative viscosity measurement of coatings and oils.

## Key Features

Viscosity Estimation: Designed to estimate the viscosity and flow characteristics of liquid samples.

Dip-Type Flow Cup: Uses a dip-type cup configuration for convenient flow-time testing.

Paint & Coating Applications: Suitable for coatings, paints, and similar liquid materials.

## Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Type          | Zahn cup                    |
| Application   | Viscosity and flow test     |
| Use           | Painting and fluid analysis |

## Digital Moisture Analyser



Digital moisture analyser for rapid moisture determination in laboratory and industrial samples.

### Key Features

**Moisture Content Determination:** Designed for rapid determination of moisture content in laboratory samples.

**Integrated Heating Chamber:** Uses a heating chamber to facilitate moisture measurement through controlled sample heating.

**Digital Weighing System:** Combines digital weighing with moisture analysis for laboratory testing.

### Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Type          | Digital analyser        |
| Application   | Moisture testing        |
| Use           | Lab and quality control |

# Analytical Balance



Analytical balance for precise mass measurement in laboratory analysis and sample preparation.

## Key Features

**High-Precision Weighing:** Designed for accurate weighing of laboratory samples and materials.

**Enclosed Balance Design:** Features an enclosed weighing arrangement to support controlled measurement conditions.

**Laboratory Analysis:** Suitable for precision weighing during analytical and sample-preparation procedures.

## Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Type          | Analytical balance       |
| Use           | Weighing and sample prep |
| Application   | Laboratory analysis      |

# Bulk Density Apparatus



Bulk density apparatus for measuring powder and bulk solid density under controlled conditions.

## Key Features

**Bulk Density Measurement:** Designed to determine the bulk density of powder samples.

**Powder Testing:** Suitable for laboratory evaluation of powdered materials.

**Controlled Measurement:** Provides a dedicated setup for consistent bulk-density determination.

## Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Type          | Density apparatus              |
| Application   | Bulk material analysis         |
| Use           | Powder and material evaluation |

## Cloud and Pour Point Apparatus



Cloud and pour point apparatus used to determine low-temperature behavior of fuels and oils.

### Key Features

**Cloud Point Determination:** Designed to determine the temperature at which cloud formation occurs in a sample.

**Pour Point Testing:** Used to evaluate the low-temperature flow characteristics of liquid samples.

**Temperature-Controlled Operation:** Provides controlled temperature conditions for cloud- and pour-point testing.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Test          | Cloud and pour point |
| Application   | Fuel and oil testing |
| Use           | Quality control      |

## Digital Friability Test Apparatus



Digital friability apparatus for measuring tablet or solid breakage under mechanical stress.

### Key Features

**Tablet Friability Testing:** Designed to evaluate the tendency of tablets to lose material through mechanical action.

**Rotating-Drum Operation:** Uses a rotating drum mechanism for controlled friability testing.

**Digital Testing Equipment:** Provides a digital laboratory setup for evaluating tablet durability and stability.

### Technical Details

| Specification | Details                         |
|---------------|---------------------------------|
| Type          | Digital apparatus               |
| Application   | Strength and durability testing |
| Use           | Pharma and quality testing      |

# Digital Orbital Incubator Shaker



Digital orbital incubator shaker for controlled mixing, incubation, and culture growth in labs.

## Key Features

**Orbital Shaking:** Provides controlled orbital movement for mixing laboratory samples.

**Temperature-Controlled Incubation:** Combines incubation with controlled temperature conditions for sample testing.

**Mixing & Incubation:** Suitable for laboratory applications requiring simultaneous sample mixing and temperature-controlled incubation.

## Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Type          | Incubator shaker             |
| Application   | Biotechnology and lab mixing |
| Use           | Growth and culture studies   |

# Digital Turbidity Meter



Digital turbidity meter for quick and accurate measurement of suspended particle levels in liquid samples.

## Key Features

**Turbidity Measurement:** Designed to measure the turbidity or cloudiness of liquid samples.

**Digital Optical Measurement:** Uses an optical measurement system for evaluating turbidity.

**Liquid Sample Analysis:** Suitable for laboratory testing and quality assessment of liquid samples.

## Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Type          | Turbidity meter          |
| Application   | Water and liquid quality |
| Use           | Inspection and analysis  |

# Disc Pulverizer



Disc pulverizer for grinding and pulverizing solid materials into fine powder for analysis.

## Key Features

**Sample Pulverization:** Designed to crush and pulverize solid laboratory samples into finer particles.

**Motorised Operation:** Uses a motor-driven mechanism for efficient and consistent sample processing.

**Laboratory Sample Preparation:** Suitable for preparing solid samples for further testing and analytical procedures.

## Technical Details

| Specification | Details            |
|---------------|--------------------|
| Type          | Pulverizer         |
| Application   | Material reduction |
| Use           | Sample preparation |

# Disintegration Test Apparatus



Disintegration apparatus used to determine the time required for tablets or samples to break down.

## Key Features

**Disintegration Time Testing:** Designed to determine the time required for tablets and capsules to disintegrate.

**Pharmaceutical Testing:** Suitable for laboratory evaluation of tablet and capsule disintegration characteristics.

**Controlled Test Operation:** Provides a dedicated setup for conducting repeatable disintegration testing.

## Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Type          | Test apparatus        |
| Application   | Tablet disintegration |
| Use           | Pharma and QA testing |

# Double Beam UV Visible Spectrophotometer



Double beam UV-visible spectrophotometer for quantitative analysis of absorbing substances.

## Key Features

**UV-Visible Absorbance Measurement:** Designed to measure the absorbance characteristics of samples across UV-visible applications.

**Double-Beam Optical System:** Uses a double-beam configuration for controlled optical measurement.

**Laboratory Spectroscopic Analysis:** Suitable for analytical testing requiring UV-visible absorbance measurements.

## Technical Details

| Specification | Details           |
|---------------|-------------------|
| Type          | Spectrophotometer |
| Application   | Chemical analysis |
| Use           | Research and QC   |

# Flocculator and Jar Test Apparatus



Flocculator and jar test apparatus for coagulation and settling studies in water treatment analysis.

## Key Features

**Jar Testing:** Designed for laboratory jar tests used to evaluate coagulation and flocculation processes.

**Multi-Position Stirring:** Provides multiple stirring positions for testing different samples or conditions simultaneously.

**Water Treatment Studies:** Suitable for laboratory studies involving coagulation, flocculation, and water-treatment processes.

## Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Jar test apparatus        |
| Application   | Water treatment           |
| Use           | Flocculation optimization |

# Hot Air Oven



Hot air oven for drying, sterilization, and controlled heating of laboratory samples and materials.

## Key Features

**Controlled Dry Heating:** Designed for laboratory drying and heating applications under controlled conditions.

**Sterilisation Applications:** Suitable for dry-heat sterilisation of appropriate laboratory materials.

**Laboratory Sample Processing:** Provides a controlled heated environment for drying and heat-treatment procedures.

## Technical Details

| Specification | Details                  |
|---------------|--------------------------|
| Type          | Oven                     |
| Application   | Drying and sterilization |
| Use           | Laboratory processing    |

# Laboratory Hot Plate



Laboratory hot plate for controlled heating of solutions and samples during experiments.

## Key Features

Adjustable Heating: Provides adjustable heat control for controlled laboratory heating applications.

Cast-Iron Plate: Features a cast-iron heating surface designed for laboratory use.

Sample Heating: Suitable for heating laboratory vessels, solutions, and samples during testing procedures.

## Technical Details

| Specification | Details                |
|---------------|------------------------|
| Type          | Hot plate              |
| Application   | Heating and processing |
| Use           | Routine lab tasks      |

# Impact Tester



Impact tester for measuring material resistance to impact and shock loading.

## Key Features

Impact Strength Testing: Designed to assess the impact strength and resistance of test specimens.

Pendulum-Type Operation: Uses a pendulum mechanism to apply a controlled impact to the specimen.

Material Evaluation: Suitable for laboratory testing of materials where impact resistance needs to be assessed.

## Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Impact tester             |
| Application   | Material strength testing |
| Use           | Industrial QA             |

# Jaw Crusher



Jaw crusher for reducing larger solid materials into smaller particles for laboratory testing.

## Key Features

**Solid Sample Crushing:** Designed to reduce the size of hard solid laboratory samples.

**Bench-Scale Design:** Provides a compact crusher configuration suitable for laboratory environments.

**Sample Preparation:** Suitable for preparing solid materials for subsequent laboratory testing and analysis.

## Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Crusher                   |
| Application   | Sample reduction          |
| Use           | Material prep and testing |

# Laboratory Centrifuge



Laboratory centrifuge used for separation of substances by density through controlled spinning.

## Key Features

**Sample Separation:** Designed to separate components of laboratory samples using rotational force.

**Centrifugal Operation:** Uses controlled rotational motion to facilitate separation of sample components.

**Laboratory Applications:** Suitable for sample preparation and analytical procedures requiring centrifugal separation.

## Technical Details

| Specification | Details                      |
|---------------|------------------------------|
| Type          | Centrifuge                   |
| Application   | Separation and clarification |
| Use           | Research and QC              |

# Melting Point Apparatus



Melting point apparatus for accurately determining melting temperatures of solid materials.

## Key Features

**Melting Point Determination:** Designed to determine the melting point of solid samples.

**Controlled Laboratory Testing:** Provides a dedicated setup for controlled observation of melting behaviour.

**Material Characterisation:** Suitable for laboratory analysis and identification of solid materials based on their melting characteristics.

## Technical Details

| Specification | Details                   |
|---------------|---------------------------|
| Type          | Melting point apparatus   |
| Application   | Material characterization |
| Use           | Analytical chemistry      |

# Metallographic Polishing Machine



Metallographic polishing machine for preparing metal samples for microscopic examination.

## Key Features

**Metal Specimen Preparation:** Designed to prepare metal specimens for microscopic examination.

**Dual-Disc Configuration:** Uses a dual-disc arrangement for polishing and preparing specimen surfaces.

**Metallographic Applications:** Suitable for laboratory preparation of metal samples before microscopic analysis.

## Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Polishing machine          |
| Application   | Metallographic sample prep |
| Use           | Microscopy and analysis    |

# Microprocessor Photo Colorimeter



Microprocessor-based photo colorimeter for accurate colorimetric measurement in laboratory samples.

## Key Features

**Absorbance Measurement:** Designed to measure the absorbance of liquid or solution samples.

**Concentration Analysis:** Supports concentration measurements based on colorimetric analysis.

**Microprocessor-Based Operation:** Provides digital processing for laboratory colorimetric measurements.

## Technical Details

| Specification | Details                    |
|---------------|----------------------------|
| Type          | Photo colorimeter          |
| Application   | Color analysis             |
| Use           | Chemical and water testing |

# Microprocessor Tapped Density Meter



Microprocessor tapped density meter for evaluating powder flow and packing behavior under tapping.

## Key Features

**Tapped Density Measurement:** Designed to determine the tapped density of powder samples.

**Controlled Tapping:** Provides a controlled mechanical tapping process for powder-density evaluation.

**Programmable Operation:** Uses microprocessor-based controls for laboratory density testing.

## Technical Details

| Specification | Details                          |
|---------------|----------------------------------|
| Type          | Tapped density meter             |
| Application   | Powder characterization          |
| Use           | Material and formulation testing |

# Muffle Furnace



Muffle furnace for high-temperature heating, ashing, and controlled material processing.

## Key Features

**High-Temperature Heating:** Designed for laboratory applications requiring high-temperature heating and heat treatment.

**Insulated Furnace Construction:** Provides an insulated chamber for controlled high-temperature processing.

**Ashing Applications:** Suitable for ashing and other laboratory heat-treatment procedures.

## Technical Details

| Specification | Details                       |
|---------------|-------------------------------|
| Type          | Furnace                       |
| Application   | High-temperature testing      |
| Use           | Materials and analytical labs |

# ORP Meter



ORP meter for measuring oxidation-reduction potential in process and laboratory liquids.

## Key Features

**Oxidation-Reduction Measurement:** Designed to measure the oxidation-reduction potential of liquid samples.

**Portable Testing:** Provides a portable format for convenient ORP measurements.

**Liquid Analysis:** Suitable for laboratory and field testing applications involving oxidation-reduction potential.

## Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Type          | ORP meter                   |
| Application   | Water and process analysis  |
| Use           | Quality and process control |

# pH Meter



pH meter for accurate measurement of acidity and alkalinity in liquids and solutions.

## Key Features

pH Measurement: Designed to determine the acidity or alkalinity of liquid solutions.

Electronic Measurement: Uses an electronic measurement system for laboratory pH testing.

Solution Analysis: Suitable for routine laboratory analysis and monitoring of solution pH.

## Technical Details

| Specification | Details                         |
|---------------|---------------------------------|
| Type          | pH meter                        |
| Application   | Acidity and alkalinity testing  |
| Use           | Lab and process quality control |

# Digital Refractometer



Digital refractometer for precise measurement of refractive index and solution concentration.

## Key Features

**Refractive Index Measurement:** Designed to measure the refractive index of liquid or other suitable samples.

**Concentration Assessment:** Can be used for concentration-related measurements based on refractive properties.

**Digital Optical Operation:** Provides digital processing for convenient laboratory refractometric analysis.

## Technical Details

| Specification | Details                            |
|---------------|------------------------------------|
| Type          | Digital refractometer              |
| Application   | Solution and concentration testing |
| Use           | Laboratory analysis                |

# Sieve Shaker



Sieve shaker for particle size distribution analysis and screening of granular materials.

## Key Features

**Particle-Size Separation:** Designed to separate and classify particles according to size using test sieves.

**Mechanical Shaking:** Provides controlled mechanical movement to assist particle separation.

**Laboratory Particle Analysis:** Suitable for material testing and particle-size distribution analysis.

## Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Type          | Sieve shaker            |
| Application   | Granular analysis       |
| Use           | Material classification |

# Single Wall Rectangular Water Bath



Single wall rectangular water bath for controlled heating and sample conditioning in lab workflows.

## Key Features

**Controlled Temperature Maintenance:** Designed to maintain samples at a controlled temperature during laboratory testing.

**Rectangular Bath Design:** Provides a rectangular water-bath configuration suitable for laboratory sample heating.

**Sample Heating Applications:** Suitable for procedures requiring stable and controlled water-bath temperatures.

## Technical Details

| Specification | Details            |
|---------------|--------------------|
| Type          | Water bath         |
| Application   | Sample tempering   |
| Use           | Laboratory heating |

## Soxhlet Extraction Apparatus



Soxhlet extraction apparatus for exhaustive solvent extraction and analyte recovery from solids.

### Key Features

Repeated Solvent Extraction: Designed for repeated extraction of soluble components from solid samples.

Glass Extraction Setup: Uses a laboratory glass assembly for controlled solvent extraction procedures.

Sample Analysis: Suitable for laboratory extraction and preparation of solid samples for further analysis.

### Technical Details

| Specification | Details              |
|---------------|----------------------|
| Type          | Extraction apparatus |
| Application   | Solvent extraction   |
| Use           | Analytical chemistry |

# Stainless Steel Water Distillation Apparatus



Stainless steel water distillation apparatus for producing distilled water for laboratory use.

## Key Features

**Distilled Water Production:** Designed to produce distilled water for laboratory applications.

**Stainless-Steel Construction:** Uses stainless steel for the main distillation unit.

**Laboratory Water Preparation:** Suitable for producing purified distilled water for laboratory testing and procedures.

## Technical Details

| Specification | Details               |
|---------------|-----------------------|
| Type          | Distillation unit     |
| Material      | Stainless steel       |
| Use           | Pure water generation |

# Test Sieves



Test sieves for particle size classification and grading of powders and granular materials.

## Key Features

**Particle-Size Classification:** Designed to classify materials according to particle size.

**Precision Mesh:** Uses precision mesh for controlled separation of particles.

**Laboratory Material Testing:** Suitable for particle-size analysis and laboratory quality-control procedures.

## Technical Details

| Specification | Details                 |
|---------------|-------------------------|
| Type          | Test sieve              |
| Application   | Particle classification |
| Use           | Material testing        |

# Ultrasonic Cleaner



Ultrasonic cleaner for thorough cleaning of lab glassware and delicate components using cavitation.

## Key Features

**Ultrasonic Cleaning:** Uses an ultrasonic bath to clean laboratory components and small instruments.

**Small Instrument Cleaning:** Suitable for cleaning laboratory parts, instruments, and other compatible items.

**Laboratory Maintenance:** Helps support routine cleaning and preparation of laboratory equipment.

## Technical Details

| Specification | Details                     |
|---------------|-----------------------------|
| Type          | Cleaner                     |
| Application   | Lab glassware cleaning      |
| Use           | Maintenance and preparation |

# PID Controlled Water Bath



PID controlled water bath for precise temperature stability in sample preparation and testing.

## Key Features

**Stable Temperature Control:** Designed to maintain a stable temperature during laboratory heating procedures.

**Digital PID Control:** Uses digital PID control for precise and consistent temperature regulation.

**Controlled Sample Heating:** Suitable for laboratory applications requiring stable water-bath conditions.

## Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Type          | Water bath                     |
| Application   | Thermal control                |
| Use           | Laboratory sample conditioning |

# Thermostatic Water Bath



Thermostatic water bath designed for precise temperature control in research and quality testing.

## Key Features

**Controlled Sample Heating:** Designed to provide controlled heating of laboratory samples.

**Thermostatic Temperature Control:** Maintains the required temperature conditions during testing procedures.

**Multi-Position Design:** Provides multiple positions for handling several samples or test vessels.

## Technical Details

| Specification | Details                        |
|---------------|--------------------------------|
| Type          | Water bath                     |
| Application   | Temperature-controlled testing |
| Use           | Research and QA                |

# Double Wall Rectangular Water Bath



Double wall rectangular water bath for improved thermal stability and laboratory process control.

## Key Features

**Uniform Controlled Heating:** Designed to provide uniform heating of samples under controlled temperature conditions.

**Double-Wall Construction:** Features a double-wall rectangular design for improved temperature management.

**Laboratory Heating Applications:** Suitable for laboratory procedures requiring consistent and controlled water-bath heating.

## Technical Details

| Specification | Details                           |
|---------------|-----------------------------------|
| Type          | Double wall water bath            |
| Application   | Temperature-controlled processing |
| Use           | Analytical and lab operations     |