



WATER/ WASTE WATER TESTING



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Iris offers a wide range of water quality meters for your choice. This includes a range from pH meter tester, conductivity meter, dissolved oxygen meters, turbidity meters, ion analyzers for research applications. All models are CE certified and controlled by RS232, USB, and GLP compliance. The instruments are easy to connect and use.

Our instruments offer a good range of electrochemical techniques. Most routine electrochemical techniques can be readily employed. We offer to measure instruments not only with excellent performances but also easy to use, which will effectively simplify your daily work and promote efficiency. Our innovative technology are recognize for a highly compact, high-performance probe that can measure pH, Temperature, Dissolved Oxygen, Turbidity, Conductivity, and Salinity.

We provide various models to suit different needs and budgets. Our instruments offer high performance and are best for research laboratories, college, and university purposes.

Laboratory pH Meter Tester

Iris Laboratory pH Meter Tester is designed to measure the water quality parameters such as pH, temperature, and mV in water solutions for laboratory, industrial, chemical, and processing applications. Full range of pH meters tester merging the maximum precision and strictness with ease of use and maintenance-free.



The Iris Laboratory pH Meter Tester is easy to use and convenient pH tester. Accommodates calibration just a touch button and the measurement can be stimulated to manually hold and to get an end-point reading mechanically.

Portable pH Meter

Portable pH Meter feasible and time-saving portable pH tester, offer suitable functions needed for routine pH measurements without complicated features and processes. Offer 1 to 6 calibration points with automatic recognition for USA, NIST, and DIN buffers. RS232 and USB Interface



Offer consistent and high-quality pH, temperature, and mV measurements with a simple click of a button with a pH probe. Flexible and rugged enough for the most challenging applications in university, research laboratory. The soft-touch keys provide comfort hold accomplished single-handed operation. Rugged waterproof casing with IP65 rated and AA, Li-on batteries. Each measure is shown on the digital display.

Portable pH Meter IPM-100 Series

Portable pH Meter IPM-100 Series offers a big screen to display readings in an extended range from -2 to 20 pH and simultaneously shows temperature from -5.0 to 130°C and ORP from -2000 to 2000 mV. Design with equipment protection casing. This included a multi-parameter electrode that has a built-in temperature sensor. No additional temperature probe is required.



Similarly, the electrode has a mini amplifier to reduce measurements resistant to noise and electrical interference. Automatic buffer recognition of buffer groups including DIN, NIST, GB compliance. Offer 1 to 5 calibration points with automatic and manual temperature compensation. The ORP scale of this meter can be used with the pH and temperature electrode to check the condition of the pH electrode.

- Features with TFT touch screen and LCD display
- Available parameters: pH/mV/Temperature
- CE certified
- Offer 2 to 5 calibration points with automatic and manual temperature compensation
- Maximum storage: 2000 set
- IP65 housing
- Automatic temperature compensation
- Auto power off
- Package with combination electrodes, temperature probe, buffer
- Li-on battery and AA battery
- Support RS232, USB, and GLP compliance

Portable pH Meter IPM-200 Series

Portable pH Meter IPM-200 Series delivers very quick, consistent, and reliable measurements in very less time. This series provided with new features that add a completely new measurement to dramatically recover the reliability of the measurement. The manual and automatic temperature compensation for good precision under variable temperatures.



Ideal for method management, electrode management, calibration management, data management, user management with manage up to 5 pH electrodes and detect 25 kinds of buffer solutions automatically. Offer 1 to 6 calibration points with automatic recognition for USA, NIST, and DIN buffers. RS232 and USB interface.

- Features with TFT touch screen and LCD display
- Available parameters: pH/mV/Temperature
- CE certified
- Offer 1 to 6 calibration points with automatic recognition for USA
- Maximum storage: 1000 set
- Automatic temperature compensation
- Support RS232, USB and GLP compliance

Laboratory Conductivity Meter

Iris Laboratory Conductivity Meter measuring water quality parameters includes pH, ion, conductivity, and dissolved oxygen meters in portable and compact models. The conductivity measurement is a multipurpose instrument in method control. Offer quick, simple, and wild, and best sensors that provide low upkeep and low maintenance.



The measured conductivity reading can be used to make various assumptions on what is happening in the process. In some cases, it is possible to develop a model to calculate the concentration of the liquid. Irrespective of indirect measurement, this offers excellent consistency, with fast measuring intervals, and gives accurate readings.

We provide the best option to meet the user water testing requirements. The robust and long-lasting portable conductivity meters and compact conductivity meters are designed. This simple and economical instrument integrated with probe technologies offer reliable and accurate results

Portable Conductivity/TDS Meters

Portable Conductivity Meter with automatic temperature compensation, and is ideal for the industrial, research, and laboratory applications. This provides a range of resolution, resistivity, TDS, temperature, conductivity, and salinity. The meter is supplied complete with a probe along with a power cable and calibration solution.



Portable Conductivity Meter ICM-100 Series

Portable Conductivity Meter ICM-100 Series is used for water analysis, chromatography, or biological research. Waterproof housing preserves special performance in different surroundings. Simple functional equipment collects data even after the tool is shut. Ideal to check water purity the conductivity meter measures total dissolved solids and are equipped with TFT and LCD display for accurate conductivity reading. The best of the range, portable versatile parameter conductivity meters such as conductivity, resistivity, TDS, salinity, temperature, and ash content more suited to robust industrial applications. CE Certified.



- Simple calibration up to 2 point calibration with automatic
- Functional measuring parameters including conductivity, resistivity, total dissolved solid (TDS), salinity, Ash content and temperature
- Large, well-structured TFT Touch screen and LCD display with navigation
- CE Certified
- Manual temperature compensation and temperature coefficient
- Maximum storage: 2000 set
- Package with combination electrodes, temperature probe, buffer
- Auto switch off mode
- Compiled with micro USB and GLP
- Li-on battery and AA battery

Accessories

- Platinum Black Conductivity Electrode
- pH Combination Electrode
- DO Probe
- Standard Buffer

Portable Conductivity Meter ICM-200 Series

Portable Conductivity Meter ICM-200 Series provides the ideal solution for measuring TDS, DO, pH, pX, temperature, Salinity, DO Saturation all these parameters. The Conductivity meter is best for observing different applications such as the number of salts or dissolved solids in water. The readings are mechanically temperature compensated with the range of -5 to 135°C, delivers accurate reading over the entire range and manual temperature calibration to correct temperature deviation. CE Certified. Designed to increase productivity in the lab and in the field.



1. Conductivity / TDS / Salinity / Resistivity Mode: 6 point conductivity meter calibration with automatic temperature compensation ranging COND:0.0 to 100.0°C; salinity: 0 to 50 g/L. Support selectable ion such as H⁺, Ag⁺, Na⁺, K⁺, Cl⁻, F⁻ etc. Standard configuration including platinum black conductivity electrode, DO probe and standard buffer.
2. pH Mode: High accuracy portable multiparameter water quality meter is equipped with a large backlit LCD display. 1 to 5 points pH calibration with auto-buffer recognition with automatic temperature compensation ranging from pH: 0.0 to 100.0°C Standard configuration including pH combination electrode. Selectable automatic identification of 25 kinds of buffer solutions, including DIN and NIST. The automatic electrode slope display helps users decide whether to replace the sensor.
3. DO Mode: With automatic temperature compensation ranging from 0.0 to 40.0°C. Air-saturated water and zero oxygen solution.

Features

- Functional measuring parameters including conductivity, dissolve oxygen, pH, pX, and temperature
- Simple calibration 0 offset and Full scale
- Large, well-structured 7-inch touch screen and LCD display with navigation
- CE Certified
- Available in a portable model
- Automatic and manual temperature compensation
- Maximum storage: 2200 set
- Platinum black conductivity electrode; pH combination electrode, DO probe; standard buffer as standard configuration
- Compiled with USB and RS232 to connect with PC and Printer
- Li-on Battery

Accessories

- Platinum Black Conductivity Electrode;
- pH Combination Electrode;
- DO Probe (waterproof);
- Standard Buffer

Compact Conductivity Meter

Compact Conductivity Meter provides spontaneous operation and installed in very short time, user-friendly. Quick analysis time, small fluctuating in settings, and quick result display achieved with touch screen operation. Suitable for laboratory applications. Delivers high-quality conductivity measurements with a simple click button. The USB and RS232 interfaces allow you to connect simultaneously, achieve good workflow.



Compact Conductivity Meter ICM-300 Series

Compact Conductivity Meter ICM-300 Series design to meet the most demanding and robust compliance requirements. Can measure different parameters; TDS, conductivity, DO, pH or pX, temperature, salinity, ORP automatic temperature. Designed to increase productivity in the lab and in the field. Build-in sensors that are automatically identified by the instrument. The automatic temperature compensation delivers accurate reading over the entire range and manual temperature calibration to correct temperature deviation. CE Certified.



1. Conductivity / TDS / Salinity / Resistivity Mode: 6 point conductivity meter calibration with automatic temperature compensation ranging COND:0.0 to 100.0°C; salinity: 0 to 50 g/L. Support selectable ion such as H⁺, Ag⁺, Na⁺, K⁺, Cl⁻, F⁻ etc. Standard configuration including platinum black conductivity electrode, DO probe and standard buffer.
2. pH Mode: High accuracy portable multiparameter water quality meter is equipped with a large backlit LCD display. 1 to 5 points pH calibration with auto-buffer recognition with automatic temperature compensation ranging from pH: 0.0 to 100.0°C Standard configuration including pH combination electrode. Selectable automatic identification of 25 kinds of buffer solutions, including DIN and NIST. The automatic electrode slope display helps the user decide whether to replace the sensor.
3. DO Mode: With automatic temperature compensation ranging from 0.0 to 40.0°C. Air-saturated water and zero oxygen solution.

Features

- Functional measuring parameters including conductivity, resistivity, total dissolved solid (TDS), salinity, and temperature
- Simple calibration up to 6 point calibration with automatic
- Large, well-structured 7-inch touch screen and LCD display with navigation
- CE Certified
- Available in both portable and benchtop model
- Automatic and manual temperature compensation
- Maximum storage: 2200 set
- Platinum black conductivity electrode; pH combination electrode, DO probe; standard buffer as standard configuration
- Compiled with USB and RS232 to connect with PC and Printer
- Universal power adaptor and 4 AA batteries

Accessories

- Platinum Black Conductivity Electrode
- pH Combination Electrode
- DO Probe
- Standard Buffer

Compact Conductivity Meter ICM-400 Series

Compact Conductivity Meter ICM-400 Series supply you with a conductivity meter. This concise-sized conductivity meter measures the conductivity with other parameters such as measuring resistivity, total dissolved solids (TDS), salinity and temperature. Delivers high-quality conductivity measurements with a simple click of a button. It holds up the automatic recognition function of conductivity standard solution, kinds of GB buffer solution as default as well as multi-calibration. Build-in advanced frequency conversion to meet the full measurement range with one electrode.



- Functional measuring parameters including conductivity, resistivity, total dissolved solid (TDS), salinity and temperature
- Simple calibration up to 5 point calibration with automatic
- Large, well-structured 7-inch touch screen and LCD display with navigation
- CE Certified
- Automatic and manual temperature compensation
- Manifold with conductive compensation modes, counting pure water compensation
- Automatic recognition function of conductivity standard solution, default 4 kinds of GB buffer solution
- Intellectual frequency conversion, which can meet full range measurement with 1 electrode
- Maximum storage: 1000 set
- SCH-01Auto sampler optional
- Platinum Black Conductivity Electrode ATC Probe as standard configuration
- Compiled with USB and RS232 to connect with PC and Printer
- Universal power adaptor: DC 24V/3A and DC 9V/800mA

Accessories

- Platinum Black Conductivity Electrode ATC Probe

Dissolved Oxygen Meter

Iris DO Meter is available in portable and benchtop sets. The optical oxygen meters can be used with different sensor designs, and trace oxygen meters can furthermore be combined with sensors for different measurement ranges. Features a manual and zero oxygen, full-scale calibration, manual salinity, and barometric pressure correction. All products are CE certified



Portable Dissolved Oxygen Meters

Iris Portable DO Meter is available in portable and benchtop sets. The optical oxygen meters can be used with different sensor designs, and trace oxygen meters can furthermore be combined with sensors for different measurement ranges. Features a manual and zero oxygen, full-scale calibration, manual salinity, and barometric pressure correction. All products are CE certified



Dissolve DO Meter DO-100

Dissolve DO Meter DO-100 offers a robust and ergonomic design that allows for portable operation. High accuracy and reliable measurements are even easier with our simple and intuitive menu. Accomplished systematic and specialized measurements with quick and reliable in single-channel modes. Equipped with a 4.3-inch touch screen display. Automatic temperature compensation ensures accurate reading over the entire range and useful parameters are saturation and temperature. Built-in Li-on Battery.



- The 4.3-inch touch screen graphic display
- Rubber foot for resistant design IP65 waterproof design
- MicroUSB Interface
- Built-in Li-on Battery (DC 3.8V)
- Rubber foot for skid-resistant design
- Measurement of DO/DO Saturation/°C
- Advanced functions in the identification of standard buffer and ID management
- Storing up to 2000 measurement value with the view function
- Support USB interface and GLP
- Auto power off
- Suitcase package with combination electrode, temperature probe, buffer

Dissolve DO Meter DO-200

Dissolve DO Meter DO-200 designed with the advanced technology with 3 reading modes: smart-read mode, continuous-read mode, and timed-read mode for dissolved oxygen, concentration, and temperature measurement in water, wastewater, and applications. Equipped with a large backlit LCD display.



Automatic temperature compensation ensures accurate reading over the entire range along with a stability indicator which automatically shows current measurement status and useful parameters are concentration, saturation, and temperature. A built-in universal power adaptor. Available in 3 reading modes: smart-read mode, continuous-read mode, and timed-read mode.

- Available in 3 reading modes: smart-read mode, continuous-read mode, and timed-read mode
- Support USB interface and GLP
- This device support barometric pressure calibration and salinity calibration
- Auto temperature compensation
- Offer accurate measurement with electrode performance and calibration
- Touch screen with backlight display measurement value, temperature value, constant, measurement mode, operation date and time
- Auto zero oxygen calibration and full scale calibration

Ion Analyser

Iris Ion Meter with measurement of the concentration or activity of an ion in a solution by means of an ISE meter producing pH measurement. The pH electrode is an unusual item of an almost perfectly careful ISE.



Sophisticated, multi-operational modes that allow concentration results to be achieved sample solutions directly. Calibration is automatic and the ability of the Ion meter to retain this data in memory dispenses with the drawing of calibration curves.

Iris Ion Meters is a high-quality meter for routine ion measurements made every day. The portable meters for ion concentration and temperature analysis are designed to aid measure samples across a wide range of applications and deliver the features and functionality one looks for in a laboratory or other field instrument with its easy features that maximize productivity and minimize training time. A backlit, graphic LCD provides easy-to-read resolution even in low areas and allows users to store up to 2000 sets that can be later transferred to a PC.

Portable Ion Analyser

Portable Ion Meter suitable for ion concentration measurements in the field deprived of precision and consistency. The portable ISE meters offer a robust and durable, water-repellent design for reliable testing.



Portable Ion Meter IM-100

Portable Ion Meter IM-100 used for measurements of specific ions in the water with the use of an ion selective electrode. The available measuring parameters are including pX/Ion concentration/mV/ Temperature. The portable meters for ion concentration and temperature analysis are designed to aids measure samples across a wide range of applications and deliver the features and functionality one look for in a laboratory any other field instrument with it easy features that maximize productivity and minimize training time. A backlit, graphic LCD provides easy to read resolution even in low areas and allows users to store up to 2000 sets that can be later transferred to a PC.



- Easily read the sample changing in the measurement process
- Power-off safety
- Designed with Rubber foot
- Simple calibration up to 8 point calibration with automatic
- Functional measuring parameters including pX/Ion concentration/mV/ Temperature
- Large, well-structured TFT Touch screen and LCD display with navigation
- CE Certified
- Manual temperature compensation and temperature coefficient
- Maximum storage: 2000 set
- The electrodes, temperature probe, buffer accessories are available
- Auto switch off mode
- Advanced functions in the identification of standard buffer and ID management
- Compiled with micro USB and GLP
- Li-on battery and AA battery
- Available standard configuration Fluoride ISE, Electrode, ATC Probe, Stirrer

Portable Ion Meter IM-200

Portable Ion Meter IM-200 is a multi-used, strong, and accurate instrument. The easy features operation menu with easy to understand prompts and electrode/standard error checking. These meters feature many advanced options, such as programmable stability measures, programmable standardization reading delay times, multi-channel operation, fast reading update rates of twice per second for all channels, programmable alarms, storage programmable data up to 500 to 1400 data points and RS232, USB serial interface for controlling the meter and obtaining data. The meter operating code can easily be upgraded as new features are made available.



- Designed with 3 reading modes and read function
- Easily read the sample changing in the measurement process
- Power-off safety
- Designed with Rubber foot
- Simple calibration up to 5 point calibration with automatic
- Functional measuring parameters including pX/Ion concentration/mV/ Temperature
- Large, well-structured TFT Touch screen and LCD display with navigation
- CE Certified
- Manual temperature compensation and temperature coefficient
- Maximum storage: 1000 to 1400 sets
- Auto switch off mode
- Advanced functions in the identification of standard buffer and ID management
- Compiled with micro USB and GLP
- Li-on battery and AA battery
- Available standard accessories: Fluoride ISE, Electrode, TATC Probe, Stirrer

Turbidity Meter

Iris Turbidity Meter used in drinking water analysis, in aquaculture applications, and as an indicator of water quality from industrial water treatment applications. Quick setting mode allows for accurate measurements even with the most difficult to amount of samples with a rugged design to makes this instrument of choice for the toughest environments.



The Turbidity is an appearance of the visual properties of a liquid producing light beam to be dispersed and absorbed rather than transmitted in straight lines over a sample.

Though turbidity is not an inherent property of water, as is temperature or pH, the recognition of turbidity as an indicator of the environmental health of water bodies has increased, creating demand with high-quality and objective turbidity measurements. Come across this we developed sophisticated instruments at low-cost. Offers a wide variety of portable and Benchtop turbidity meters and can help you select the most suitable instrument for your analysis.

Portable Turbidity Meter

Portable Turbidity Meter determines the turbidity or suspended solids particle in water, using an FTU, NTU, EBC, and ASBC measurement of scattered light in obedience to ISO7027 and CE. The LED light source with optical technology to provide stability, accuracy, and zero maintenance.



Portable Turbidity Meter PTM-100

Portable Turbidity Meter PTM-100 with quick measurement of the turbidity of the water, caused by dry-weight of suspended materials. The portable turbidity meter work by measuring the amount of light scattered by the dry-weight of suspended materials. Accommodated multi-points calibrations with FTU standard with other measurement units for turbidity and the user now has the choice to perform NTU, EBC, and ASBC measurements at 90° scattered light according to the application and standard required.



This Turbidity Meter covers the ISO7027 requirements. The portable turbidity meter's measuring range is from 0 to 2000 NTU and is identified automatically. Precise measurements by the portable turbidity meters in the lower range, e.g. in drinking water are no problem.

- LCD with backlight provide easy calibration
- ISO7027 measuring method
- Novel appearance, convenient for field application
- Multi-points calibration with Formazin standards or zero water
- Auto range switch from 0 to 2000 NTUs.
- Data storage of 2000 sets and GLP-compliant
- SB interfaces for output and powered by AA batteries

Portable Turbidity Meter PTM-200

Portable Turbidity Meter PTM-200 is often measured by the NTU unit and the dry-weight of suspended materials is indicated by the suspended particle. With three operating ranges; 0.00 to 20.00 20 to 200 and 200 to 1000 NTU that can accommodate the most turbid condition you may encounter. With advanced measurement technology provides added precision, sensitivity and reliability, and Zero point calibration, auto range switch.



- Meets performance criteria specified by the ISO7027 method
- Light source 850 nm monochromatic LED with IP65 compact waterproof design
- Innovative measurement technology provides added precision, sensitivity, and dependability
- Zero-point calibration, auto range switch
- Dual power, DC power, and dry battery
- Power off protection function
- USB Interface for easy data transfer
- Suitcase package set with calibration buffer

Bench-Top Turbidity Meter

Bench-Top Turbidity Meter offers consistent and accurate readings on low turbidity ranges and equipped with a tungsten halogen lamp and proven optics, make this tool more consistent to carry precise and constant measurements. Used to measure light scatter and decay of insoluble particles suspended in water or transparent liquids. CE certified product. Support USB port for data export and sample identification.



Bench-Top Turbidity Meter BTM-100

Bench-Top Turbidity Meter BTM-100 is used to measure light scatter and decay of insoluble particles suspended in water or transparent liquids. Equipped with tactile LCD touch display and Silicon photocell detector. Depending on the measured sample and needed accuracy, normal, continuous, or signal averaging measurement can be selected. Applicable for quantitative analysis of particle contents.



This instrument allows you to take measurements on-site instead of bringing solutions back to the laboratory for analysis. The instrument is designed to meet CE and USEPA-180.1 requirement and measures up to 0.00 to 20.00 50.1 to 200 and 200 to 500 NTU with 0.5% repeatability.

- Colored LCD Touch Screen
- Sample Capacity: 20 to 25 ml
- Battery-powered, compact, and easy to use
- Measures the turbidity of various water solutions
- Selectable four turbidity units, including NTU (Nephelometric Turbidity Unit), FNU (Formazine Turbidity Unit), EBC European Brewery Convention and ASBC American Society
- Support USB
- CE certified

