



# WATER/ WASTE WATER TESTING



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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<sup>+</sup>, Ag<sup>+</sup>, Na<sup>+</sup>, K<sup>+</sup>, Cl<sup>-</sup>, F<sup>-</sup> 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<sup>+</sup>,Ag<sup>+</sup>,Na<sup>+</sup>,K<sup>+</sup>,Cl<sup>-</sup>,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

