



CONDUCTIVITY TEST KIT™

DESCRIPTION

MARICHEM CONDUCTIVITY/TDS, TEMPERATURE & pH TESTER is sturdy, economical, waterproof and perfect for basic and advanced water testing needs. It is a high accuracy multi-tester with easy to replace pH electrode cartridge & EC/TDS graphite electrode that resists contamination by salts and other substances, which gives extended life.

FEATURES

Marichem's CONDUCTIVITY/TDS, TEMPERATURE & pH TESTER housing has been completely sealed against humidity and designed to float. All pH and EC/TDS readings are automatically temperature compensated (ATC), and temperature values can be displayed in °C or °F units. For EC/TDS readings, the EC/TDS conversion factor (CONV) is selectable by the user, as well as the temperature compensation coefficient β (BETA). The tester can be calibrated at one or two points for pH (with auto-buffer recognition and against five memorized buffer values), and at one point for EC/TDS. Measurements are highly accurate with a unique stability indicator right on the LCD. A low battery symbol warns the user when the batteries are to

be replaced. In addition, the Battery Error Prevention System (BEPS) avoids erroneous reading caused by low voltage level by turning the meter off. The pH electrode, supplied with the meters, is interchangeable and can be easily replaced by the user. The stainless steel encapsulated temperature sensor facilitates faster and more accurate temperature measurement and compensation.

ADVANTAGES

- ◆ High accuracy pH, EC/TDS and temperature measurements, in a single tester. No need for switching between meters for routine measurements.
- ◆ Fast, efficient and accurate measurements. Fully waterproof housing.
- ◆ Easy calibration with buffer solution for greater accuracy.
- ◆ Choice of different Conductivity to TDS conversion ratios.
- ◆ Dual level display showing pH or Conductivity/TDS with temperature.

SPECIFICATIONS	EC	TDS	pH	TEMPERATURE
Range	0 - 3999 $\mu\text{S} \cdot \text{xcm}^{-1}$	0 - 2000ppm	0 - 14	0 - 60°C
Accuracy (at 20°C)	$\pm 2\%$	$\pm 2\%$	± 0.05	$\pm 0.5^\circ\text{C}$
Calibration	Automatic			
Temp. Compensation	Automatic			
Probe	Included			
Battery type/life	4 x 1.5V, 100hrs of continuous use			
Environment	0 - 50°C, RH max 100%			
Battery type / Life	4 x 1.5V / 100 hours			
Auto-off	After 8 minutes			
Dimensions	163 x 40 x 26 mm			
Weight	100 gr			
Order No.	700232			



APPLICATIONS

MARICHEM CONDUCTIVITY TEST KIT is designed to measure the conductance of boiler water, condensate and other types of water.

It is ideal for quick and accurate conductivity/TDS measurements, pH and temperature in all types of quality assurance and water quality testing.

CALIBRATION SOLUTION 1413 μ S

The buffer solution is used for calibration of the conductivity electrode. It enables quick and easy calibration with no mistakes.



Order No. 350252

 **Read the Material Safety Data Sheet before using this product.**

For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.

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