

Primo

from Hanna Instruments

Hanna Instruments introduces its latest line of microprocessor based conductivity and TDS testers for water quality monitoring. Each model of this 6 tester series features automatic push-button calibration and automatic temperature compensation. Also, every tester of this series features a graphite high precision probe which does not get contaminated by salt deposits in the solution and therefore maintains greater accuracy. Models include a direct probe or a remote probe with 3.3' cable, and temperature readout. Choose the **Primo** that best fits your application.

- Large, Easy-to-read LCD
- Automatic Temperature Compensation
- Lightweight
- Pocket-sized



Certified
ISO 9001

HANNA
instruments
Manufacturers Since 1978

Primo Series

Microprocessor Based Conductivity
and TDS Testers with
Automatic Temperature Compensation

Primo • Primo 2 • Primo 5



The **Primo** TDS tester provides a fast and dependable way to measure the Total Dissolved Solids of your water. It is ideally suited for the rigorous demands of water quality professionals, who will appreciate the practicality of the **Primo**'s large, easy-to-read Liquid Crystal Display when demonstrating the before and after results of conditioning and filtration systems. Temperature is compensated automatically to ensure the readings are consistent

to the standard or reference temperature.

Operating and routine maintenance has never been easier! The **Primo** TDS uses a single button at the top of the meter. Press it once and the meter is energized and ready for use. Press and hold the button for a few seconds and the **Primo** TDS automatically enters its calibration mode. Simply open a sachet of the calibration solution, dip the probe and, within seconds, the meter recognizes the calibration solution and calibrates itself! Maximum battery life is managed by the **Primo** power microprocessor, which automatically turns it off after 5 minutes of inactivity.

Primo 1 • Primo 3 • Primo 4

This series of **Primo** testers have been designed for those hard-to-reach places where the standard testers are not particularly suitable. The specially-designed conductivity/TDS probe supplied with the **Primo** series has a one meter (3') cable. This helps to insert it in inaccessible or low level places without the operator having to get into inconvenient positions merely to take a reading. The automatic calibration together with the convenience of the Hanna 20 mL sachet solutions make frequent controls easier which translate themselves into a better accuracy.



Specifications

Primo & Primo 1

Range	0 to 1999 ppm (mg/L)
Resolution	1 ppm (mg/L)
Accuracy (@20°C/68°F)	±2% F.S.
Typical EMC Deviation	±1% F.S.
Calibration Solutions	HI 70032P
Calibration	Automatic at 1382 ppm
Temperature Compensation	Automatic from 0 to 60°C (32 to 140°F) with $\beta=2\%/^{\circ}\text{C}$
Battery Type / Life	2 x 1.5V / approximately 200 hours
Probe	Primo Direct Primo 1 Remote, with 3.3' cable
Environment	0 to 50°C (32 to 122°F); RH 90%
Dimensions	Meter Only 66 x 50 x 25 mm (2.6 x 2 x 1")
Weight	80 g (2.9 oz.)

Primo 2 & Primo 3

Range	0 to 1999 ppm (mg/L); 0.0 to 60.0°C
Resolution	1 ppm (mg/L); 0.1°C
Accuracy (@20°C/68°F)	±2% F.S.; ±0.5°C
Typical EMC Deviation	±1% F.S.; ±0.5°C
Calibration Solutions	HI 70032P
Calibration	Automatic at 1382 ppm
Temperature Compensation	Automatic from 0 to 60°C (32 to 140°F) with $\beta=2\%/^{\circ}\text{C}$
Battery Type / Life	2 x 1.5V / approximately 200 hours
Probe	Primo 2 Direct Primo 3 Remote, with 3.3' cable
Environment	0 to 50°C (32 to 122°F); RH 90%
Dimensions	Meter Only 66 x 50 x 25 mm (2.6 x 2 x 1")
Weight	80 g (2.9 oz.)

Primo 4

Range	0.00 to 10.00 mS/cm
Resolution	0.01 mS/cm
Accuracy (@20°C/68°F)	±2% F.S.
Typical EMC Deviation	±1% F.S.
Calibration Solutions	HI 70039P
Calibration	Automatic at 5000 $\mu\text{S}/\text{cm}$ (5.00 mS/cm)
Temperature Compensation	Automatic from 0 to 60°C (32 to 140°F) with $\beta=2\%/^{\circ}\text{C}$
Battery Type / Life	2 x 1.5V / approximately 200 hours
Probe	Remote, with 3.3' cable
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	Meter Only 66 x 50 x 25 mm (2.6 x 2 x 1")
Weight	80 g (2.9 oz.)

Primo 5

Range	0 to 1999 $\mu\text{S}/\text{cm}$
Resolution	1 $\mu\text{S}/\text{cm}$
Accuracy (@20°C/68°F)	±2% F.S.
Typical EMC Deviation	±1% F.S.
Calibration Solutions	HI 70031P
Calibration	Automatic at 1413 $\mu\text{S}/\text{cm}$
Temperature Compensation	Automatic from 0 to 60°C (32 to 140°F) with $\beta=2\%/^{\circ}\text{C}$
Battery Type / Life	2 x 1.5V / approximately 200 hours
Probe	Direct
Environment	0 to 50°C (32 to 122°F); RH 95%
Dimensions	Meter Only 66 x 50 x 25 mm (2.6 x 2 x 1")
Weight	80 g (2.9 oz.)

Authorized Distributor www.clarksonlab.com

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