

Hanna

New

Primo • Primo 2 • Primo 5

Microprocessor based Conductivity and TDS Testers with Automatic Temperature Compensation

Hanna proudly introduces the *Primo* series, the latest innovation in Electrical Conductivity and Total Dissolved Solids instrumentation.

All models of this line are equipped with a custom microprocessor, guaranteeing much greater accuracy and linearity over the entire measurement range.

The microprocessor-based *Primo* series allows for automatic calibration. This procedure is extremely easy. Simply press the button on the tester for 3 seconds and the display prompt will show the value of the appropriate calibration solution. Dip the tip of the electrode in the calibration solution and wait a few seconds for the value to be recognized. The tester is now ready for use.

Variations in temperature contribute to changes conductivity (and TDS) readings by as much as 2% per degree Centigrade. *Primo* utilizes automatic temperature compensation to produce a consistent reading at a reference temperature and to ensure that TD readings always reflect the correct concentration.

All models are supplied with a probe and work continuously for over 200 hours on 2 common 1.5 batteries. The testers are equipped with Hanna exclusive BEPS, Battery Error Prevention System: prevent erroneous readings due to low power. When it is time to change the batteries, a message appears on the LCD. There are three models to choose from.

Primo 2 measures and displays the temperature too.

Some applications for *Primo*, *Primo 2* & *Primo 5*:

- Hydroponics
- Drinking Water
- Heating and Cooling Systems
- Reverse Osmosis
- Laboratory
- Educational
- Aquaculture
- Printing

SPECIFICATIONS

	<i>Primo</i>	<i>Primo 2</i>	<i>Primo 5</i>
RANGE	1999 ppm (mg/L)	1999 ppm (mg/L)	1999 µS/cm
RESOLUTION	--	0.0 to 60.0°C	--
ACCURACY (@20°C/68°F)	1 ppm (mg/L)	1 ppm (mg/L); 0.1°C	1 µS/cm
CALIBRATION SOLUTIONS	±2% F.S.	±2% F.S.; ±0.5°C	±2% F.S.
CALIBRATION	HI 70032P	HI 70032P	HI 70031P
TEMPERATURE COMPENSATION	Automatic at 1382 ppm	Automatic at 1382 ppm	Automatic at 1413 µS/cm
BATTERY LIFE/TYPE	Automatic from 0 to 60°C (32 to 140°F) with β of 2% per degree °C 200 hours of continuous use/2 x 1.4V Autoshut off after 5 minutes of non-use		
ENVIRONMENT	0 to 50°C (32 to 122°F); 90% RH		
DIMENSIONS	180 x 50 x 25 mm (7 x 2 x 1")		
WEIGHT	80 g (2.9 oz.)		

HOW TO ORDER

Primo is supplied complete with batteries (2 x 1.4V) and instruction manual

Primo 2 is supplied complete with batteries (2 x 1.4V) and instruction manual

Primo 5 is supplied complete with batteries (2 x 1.4V) and instruction manual

ACCESSORIES

HI 7031M 1413 µS/cm @ 25°C cal. sol., 230 mL
HI 70031P 1413 µS/cm @ 25°C cal. kit (25 x 20 mL)
HI 7032M 1382 ppm @ 25°C cal. sol., 230 mL

HI 70032P 1382 ppm @ 25°C cal. kit (25 x 20 mL)

For a complete range of calibration and maintenance solutions see pages H34-H35 & G12.