

Hanna

New

327-7150  
327-7161  
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 TDS 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 to 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.