

DiST Waterproof

Waterproof, Conductivity & Total Dissolved Solids Testers

The **new and improved** DiST Waterproof meters offer **10 times better resolution**, eliminating the need to multiply the display by a factor of 10. The **battery life** has also been more than **doubled**.

Housed in IP67 waterproof ABS cases, these pocket-sized **Conductivity** and **Total Dissolved Solids** testers insure best protection against dust and humidity in indoor and outdoor applications. Ideal for fish farming, agriculture, plating, water purification or any-

where humidity levels are high. If accidentally immersed in water, the circuitry will remain unharmed. This makes them immune to accidental spills that could harm the electronics.

In the TDS range, two different testers are available:

DiSTWP 1 with a range of 1999 ppm (ratio between conductivity and TDS is factory calibrated at 0.5 [CaCO₃ value]) is suitable for low TDS measurement such as in cooling towers.

DiSTWP 2 with a range of 10.00 ppt (or 10000 ppm) is perfect for HVAC applications.

In order to optimize the resolution, two Conductivity testers are also offered:

DiSTWP 3 with a range of 1999 µS/cm, is perfect for swimming pools and drinking water control.

DiSTWP 4 with a range of 19.99 mS/cm is ideal for higher concentrations such as agriculture and waste water treatment.

DiSTWP 1 & DiSTWP 3

- Water treatment (softener, demineralization, reverse osmosis, drinking water).
- Fish farming and aquariums.
- Pollution control.

DiSTWP 2 & DiSTWP 4

- Agriculture, horticulture and hydroponics.
- Cooling towers.
- Boilers and steam heating plants.
- Water purification plants.

SPECIFICATIONS

RANGE

RESOLUTION

ACCURACY (@20°C/68°F)

TYPICAL EMC DEVIATION

CALIBRATION SOLUTION

CALIBRATION

TEMPERATURE COMPENSATION

BATTERY TYPE / LIFE

ENVIRONMENT

DIMENSIONS

WEIGHT

DiSTWP 1	DiSTWP 2	DiSTWP 3	DiSTWP 4
1999 ppm (mg/L)	10.00 ppt (g/L)	1999 µS/cm	19.99 mS/cm
1 ppm (mg/L)	0.01 ppt (g/L)	1 µS/cm	0.01 mS/cm
±2% Full Scale	±2% Full Scale	±2% Full Scale	±2% Full Scale
±2% Full Scale	±2% Full Scale	±2% Full Scale	±2% Full Scale
HI 70032P	HI 70038P	HI 70031P	HI 70039P
	Manual 1 point through trimmer		
	Automatic from 5 to 50°C (41 to 122°F)		
	4 x 1.4V / 350 hours approx. continuous use		
	0 to 50°C (32 to 122°F); RH 100%		
	150 x 30 x 24 mm (7.9 x 1.2 x 0.9")		
	85 g (3 oz.)		

HOW TO ORDER

- HI 98351 (DiSTWP1) is supplied complete with protective cap, 4 x 1.4V batteries and instructions
 HI 98352 (DiSTWP2) is supplied complete with protective cap, 4 x 1.4V batteries and instructions
 HI 98353 (DiSTWP3) is supplied complete with protective cap, 4 x 1.4V batteries and instructions
 HI 98354 (DiSTWP4) is supplied complete with protective cap, 4 x 1.4V batteries and instructions

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)
 HI 70038P 6.44 ppt @ 25°C cal. kit (25 x 20 mL)

- HI 7039M 5000 µS/cm @ 25°C cal. sol. (230 mL)
 HI 70039P 5000 µS/cm @ 25°C cal. kit (25 x 20 mL)

For a complete range of calibration and maintenance solutions see pages G34-G35 & F12.