

710-7031  
710-7043

# 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 [CaCO<sub>3</sub> 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  $\mu$ S/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

	DiSTWP 1	DiSTWP 2	DiSTWP 3	DiSTWP 4
RANGE	1999 ppm (mg/L)	10.00 ppt (g/L)	1999 $\mu$ S/cm	19.99 mS/cm
RESOLUTION	1 ppm (mg/L)	0.01 ppt (g/L)	1 $\mu$ S/cm	0.01 mS/cm
ACCURACY (@20°C/68°F)	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale
TYPICAL EMC DEVIATION	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale	$\pm$ 2% Full Scale
CALIBRATION SOLUTION	HI 70032P	HI 70038P	HI 70031P	HI 70039P
CALIBRATION		Manual 1 point through trimmer		
TEMPERATURE COMPENSATION		Automatic from 5 to 50°C (41 to 122°F)		
BATTERY TYPE / LIFE		4 x 1.4V / 350 hours approx. continuous use		
ENVIRONMENT		0 to 50°C (32 to 122°F); RH 100%		
DIMENSIONS		150 x 30 x 24 mm (7.9 x 1.2 x 0.9")		
WEIGHT		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  $\mu$ S/cm @ 25°C cal. sol. (230 mL)  
HI 70031P 1413  $\mu$ S/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  $\mu$ S/cm @ 25°C cal. sol. (230 mL)  
HI 70039P 5000  $\mu$ S/cm @ 25°C cal. kit (25 x 20 mL)

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