

*Connet*<sup>®</sup> 1 (HI 98305) • *Connet*<sup>®</sup> 2 (HI 98306) • *Connet*<sup>®</sup> 3 (HI 98307)  
**Conductivity Meters with Automatic Temperature Compensation**



Specifications	<i>Connet</i> <sup>®</sup> 1	<i>Connet</i> <sup>®</sup> 2	<i>Connet</i> <sup>®</sup> 3
Range	0 to 1999 $\mu$ S/cm	0.00 to 19.99 mS/cm	0.00 to 19.99 ppt (g/L)
Resolution	1 $\mu$ S/cm	0.01 mS/cm	0.01 ppt (g/L)
Accuracy (@20°C/68°F)		$\pm 2\%$ F.S.	
Calibration	Manual, 1 point, through slope trimmer		
Temp. Compensation	Automatic, 0 to 50°C, with $\beta=1.9\% \pm 0.15\% / ^\circ\text{C}$ , and 25°C (77°F) reference temperature		
Probe (included)	HI 3291	HI 3292	HI 3292
Battery Type / Life	4 x 1.5V alkaline / approx. 150 hours of continuous use		
Environment	0 to 50°C (32 to 122°F); 95% RH max.		
Dimensions / Weight	265 x 29 x 15 mm (10.4 x 1.1 x 0.6") / 400 g (0.88 lb.) complete with the carrying case		

These meters are in compliance with the CE directives

Each meter is supplied in a rugged plastic carrying case with 4-ring conductivity probe, calibration solution bottle (120 mL), screwdriver and instructions.

**Operations:**

- Connect the conductivity probe to the meter (Fig. 1) and turn the unit on by sliding the ON/OFF switch on the top of the instrument.
- Dip the probe into the solution by ensuring that all 4 rings of the probe are immersed and without exceeding the maximum level (Fig. 2).
- Stir gently to remove any air bubbles trapped inside the probe and wait for the reading to stabilize.
- To minimize errors, it is recommended to rinse the probe with some of the sample to be tested before taking measurement.
- After use, switch the unit off, rinse the probe in alcohol for a few minutes.
- If the display fades, replace the batteries. Switch the unit off, pull out the battery compartment and replace the batteries (Fig. 3).

Battery replacement must only take place in a non hazardous area using the battery type specified in this instruction manual.

**Calibration:**

- Dip the probe into the proper (supplied) calibration solution and wait for the reading to stabilize.
- If necessary, correct the reading to the solution value by slowly turning the calibration trimmer with the supplied screwdriver.

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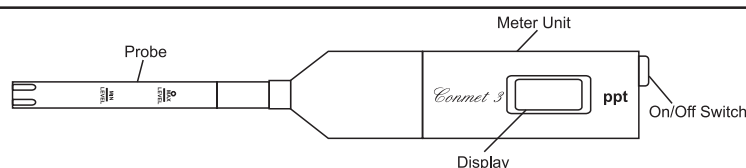


Fig. 1

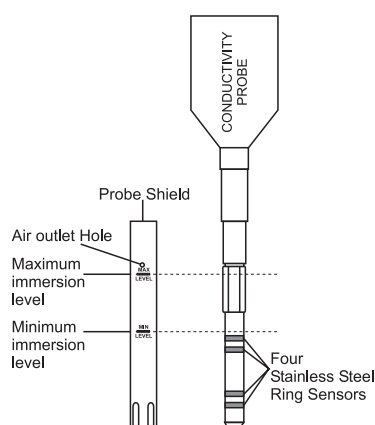


Fig. 2

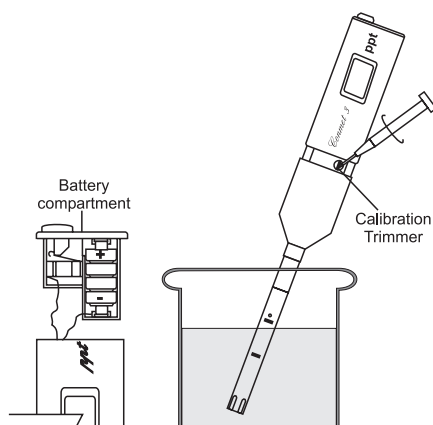


Fig. 3

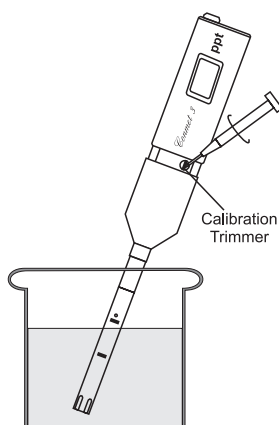


Fig. 4

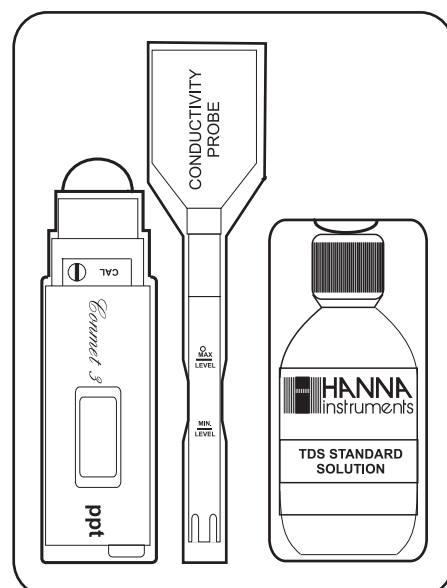


Fig. 5