



HI 99300 and HI 99301  
EC/TDS PORTABLE METERS



## HI 99300 and HI 99301

# EC/TDS PORTABLE METERS

HI 99300 and HI 99301 are portable, microprocessor-based EC/TDS and temperature meters. HI 99300 measures conductivity in  $\mu\text{S}/\text{cm}$  and TDS in ppm while the HI 99301 measures conductivity in  $\text{mS}/\text{cm}$  and TDS in ppt.

These instruments are ideal in applications such as water conditioning, fish farming, agriculture and water treatment.

The HI 76306 EC/TDS probe resists clogging and is easy to clean by design.

These instruments easily fit in the palm of your hand and the bottom probe connection ensures the electrode cable doesn't get in your way. The large, multi-level LCD displays the primary reading, temperature and calibration guides simultaneously.

## FEATURES

- **Amperometric technology**
- **Waterproof**
- **Multi-level LCD display**  
The meters display the current measurement simultaneously with the current temperature. A quick-guide is also displayed to aid users in instrument operation
- **HOLD**  
The Hold button freezes readings on the display so you can easily record readings manually
- **Automatic Temperature Compensation**
- **Automatic single calibration with calibration indicator**
- **BEPS**  
BEPS (Battery Error Prevention System) alerts the user in the event that low battery power could adversely affect readings
- **Battery % displayed on startup.**
- **Heavy-duty**  
The enclosure of these waterproof meters are made of tough ABS plastic
- **Easy to clean and keep clean**



**B.E.P.S. ±**  
Battery Error  
Prevention System

**2** YEAR  
WARRANTY

ISO 9001:2000  
CERTIFIED  
COMPANY

## WE DESIGN, MANUFACTURE, SUPPLY AND SUPPORT ALL OF OUR PRODUCTS.

### THAT'S 360° VALUE

Over the past 30 years, **HANNA** has never failed to design fresh and innovative products and the new HI 99300 and HI 99301 are no exception. We are excited to introduce such high accuracy and ease of use in a compact, modern design that fits right in your hand.

**HANNA** is the largest family-owned manufacturer of analytical instrumentation in the world. The HI 99300 and HI 99301 are manufactured in our European state-of-the-art ISO 9001:2000 production facility and are CE compliant to EN 61326-1 and EN 61010-1 standards.

When you buy a **HANNA** product, you're not only buying the best value for your money, but you're also adding the benefit of **HANNA**'s unsurpassed customer service and post-sale technical support.

### EC/TDS Probe & Starter Solutions Included!



Shown with HI 710020 protective boot (optional)

- **Protective Rubber Boot**

The optional protective rubber boot helps protect your meter

### HI 76306 EC/TDS PROBE

The slim yet rugged EC/TDS probe features a built-in temperature sensor for simultaneous EC and temperature readings. The multi-level LCD of the HI 99300 and HI 99301 display both of these readings at the same time.

- **Easy to Clean**

The sensor is easy to clean and keep clean by design.



SPECIFICATIONS		HI 99300	HI 99301
Range	EC	0 to 3999 μS/cm	0.00 to 20.00 mS/cm
	TDS	0 to 2000 ppm (mg/L)	0.00 to 10.00 ppt (g/L)
	Temp.	0.0 to 60.0°C/32.0 to 140.0°F	
Resolution	EC	1 μS/cm	0.01 mS/cm
	TDS	1 ppm (mg/L)	0.01 ppt (g/L)
	Temp.	0.1°C/0.1°F	
Accuracy (@20°C)	EC/TDS	±2% F.S.	
	Temp.	±0.5°C/±1°F	
Temperature Compensation	EC/TDS	Automatic with β selectable from 2.4%/°C	
Calibration	Automatic 1 point		
EC/TDS Factor	Selectable from 0.45 to 1.00 (CONV)		
Probe (included)	HI 76306 EC/TDS/temperature probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable		
Battery Type	(3) 1.2V AAA		
Battery Life	Approximately 200 hours of continuous use		
Auto-off	After 8 minutes of non-use		
Environment	0 to 50°C (32 to 122°F); RH max. 100%		
Dimensions	150 x 58 x 29 mm (5.9 x 2.8 x 1.1")		
Weight	205g (7.2 oz.)		

## ORDERING INFORMATION

HI 99300 and HI 99301 are supplied with HI 76306 EC/TDS probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable, starter set of calibration solution sachets, (3)1.2V AAA batteries and instructions.

## ELECTRODES

**HI 76306** EC/TDS probe with built-in temperature sensor, DIN connector and 1 m (3.3') cable

## SOLUTIONS

**HI 7030M** 12.88  $\text{mS}/\text{cm}$  solution, 230 mL  
**HI 7031M** 1413  $\mu\text{S}/\text{cm}$  solution, 230 mL  
**HI 7032M** 1382 ppm solution, 230 mL  
**HI 70442M** 1500 ppm solution, 230 mL  
**HI 7038M** 6.44 ppt solution, 230 mL

## ACCESSORIES

**HI 710020** Orange protective rubber boot  
**HI 710021** Blue protective rubber boot



SPECIFICATIONS	HI 76306
Description	EC/TDS probe with built-in temperature sensor
Cell	Graphite
Temperature Device	10 K NTC
Body Material	Thermoplastic
Connection/Cable	DIN, 7-pole/1 m (3.3')
Recommended Use	Agriculture, aquaculture, water treatment, water conditioning

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**instruments**  
 With Great Products, Come Great Results™