



Hanna Portable Waterproof pH, EC, TDS and Temperature Meters



A large dual level LCD displays pH/conductivity/TDS with temperature, simply press a button to go from one parameter to the next. Calibration for pH is at one or two points, with 3 memorised buffers. Conductivity calibration is automatic at one point, with user selectable temperature coefficient and conversion factor. To increase conductivity accuracy, two meter models are available, with different conductivity ranges, for applications from purified to brackish waters.

- Auto pH calibration with a choice of standard & NIST buffer sets
- Auto EC and TDS calibration with adjustable conversion factor
- Auto temperature compensation
- Adjustable EC/TDS electrode cartridge with extendable junction
- Hold feature
- IP67
- Supplied with HI-12883 pH/EC/TDS probe with built in temperature sensor and DIN connector with 1mm cable, pH 4.01 & 7.01 buffer sachets, calibration solutions, 2 x electrode cleaning solution, 100mL beaker, batteries, rugged carrying case, calibration certificates for meter and probe, and instructions

	CON3246	CON3248
pH Range	-2.00 to 16.00 (±0.02)	
pH Resolution	0.01	
pH-mV Range, mV	±825 (±1)	
pH-mV Resolution, mV	1	
Temperature Range, °C	-5 to 105 (±0.5)	
Temperature Resolution, °C	0.1	
TDS Range	0 to 2000ppm (±2% FS)	0.00 to 10.00ppt (±2% FS)
TDS Resolution	1ppm	0.01ppt
EC Range	0 to 3999µS/cm (±2% FS)	0.00 to 20.00mS/cm (±2% FS)
EC Resolution	1µS/cm	0.01mS/cm
Dims, w x d x h, mm	154 x 63 x 30	
Weight, g	196	
Battery Life	1.5V AAA, approx 600 hours of continuous use	

Code	Alt Ref	Description	Price
CON3246	HI-991300N	Low range EC, TDS, pH and temperature meter	£664.00
CON3248	HI-991301	High range EC, TDS, pH and temperature meter	£637.00

Accessories

Code	Alt Ref	Description	Price
HYG2083	HI-721317	Carry case with meter inserts	£56.00
HI-12883	HI-12883	Replacement pH/EC/TDS/temperature probe	£173.00



Hanna Portable Waterproof DO and Temperature Meter



A rugged water-resistant instrument developed for dissolved oxygen and temperature measurement in water, wastewater, wine analysis and applications such as fish farming, it also allows altitude compensation up to 4000m and salinity compensation up to 80g/L.

- 4m cable for ease of use
- Robust waterproof casing designed for field applications
- Backlit display is helpful for use in low ambient light levels
- On-screen tutorial messages remove need to take manual out on location
- DO range up to 300% plus temperature compensation
- GLP features
- Automatic calibration in air
- Two spare membranes and hard carrying case included as standard
- Polarographic probe included as standard features built-in temperature compensation and removable, protective membrane cover