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Certified
9001

Three Important Parameters with One Meter

 **HANNA**
instruments

HI 9812

HI 9812 allows the user to professionally measure pH, EC (conductivity) and TDS with a single portable meter. pH is measured over the full scale, the EC range reaches 1990 $\mu\text{S}/\text{cm}$ and the TDS range of 0.00 to 1990 ppm is ideal for water conditioning, aquariums, agriculture and fish farming. The **HI 1285** probe is engineered to resist contamination and therefore last longer. Particularly suited to harsh conditions, the replaceable probe incorporates a pH electrode with a cloth junction and gel polymer electrolyte for long life and greater stability of readings. **HI 9812** is powered by a 9 V battery and features BEPS (Battery Error Prevention System) to avoid errors due to low battery power.

Three Meters in One

The portable **HI 9812** is a convenient, accurate and cost-effective tool to measure pH, EC and TDS.

EC & TDS Temperature Compensated

The HI 1285 probe utilizes a temperature sensor to provide readings that are automatically compensated for temperature.

Economical, Convenient & Accurate

About the same price as two testers with the advantages of a professional meter.

SPECIFICATIONS

RANGE	pH
	$\mu\text{S}/\text{cm}$ ($\mu\text{mho}/\text{cm}$) mg/L (ppm)
RESOLUTION	pH
	$\mu\text{S}/\text{cm}$ mg/L
ACCURACY (@20°C/68°F)	pH
	$\mu\text{S}/\text{cm}$ mg/L
CALIBRATION	
TEMPERATURE COMPENSATION	
PROBE	
BATTERY TYPE / LIFE	
ENVIRONMENT	
DIMENSIONS	
WEIGHT	

HI 9812

0.0 to 14.0
0 to 1990
0 to 1990

0.1
10
10

± 0.2 pH
 $\pm 2\%$ Full Scale
 $\pm 2\%$ Full Scale

Manual 1 point through trimmer for all parameters

Automatic from 0 to 50°C (50 to 122°F)
with β of 2% per °C (conductivity/TDS only)

HI 1285 pH/conductivity/TDS probe
with DIN connector and 1 m (3.3') cable (included)

1 x 9V / 150 hours approx. continuous use

0 to 50°C (32 to 122°F); RH 95%

185 x 82 x 45 mm (7.3 x 3.2 x 1.8")

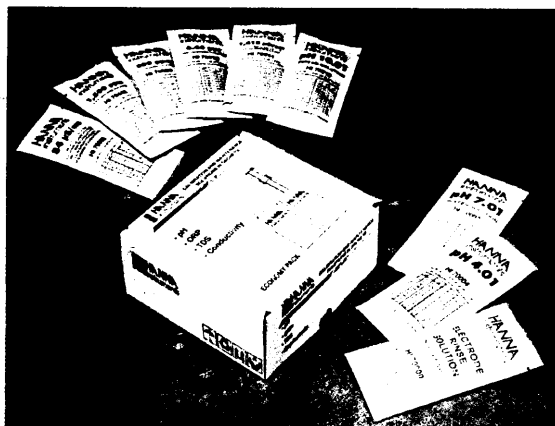
520 g (1.1 lb.)

Backed by Hanna's famous **2 year** Warranty



pH, TDS and EC in 1 rugged sensor!

The specialized HI 1285 sensor was designed to measure pH, EC & TDS without changing instruments or probes. This rugged sensor has been designed for fast response, longer life and the greatest accuracy. **HI 1285** 3-in-1 pH/Conductivity/TDS probe is warranted for SIX months.



ORDERING INFORMATION

HI 9812	comes complete with HI 1285 probe with 1 m (3.3') cable, pH 7 buffer (20 mL), 1413 $\mu\text{S}/\text{cm}$ and 1382 ppm calibration solutions (20 mL each), 9V battery and instructions
HI 1285	pH/EC/TDS probe
HI 710001	Soft carrying case
HI 77100P	pH 7 and 1413 $\mu\text{S}/\text{cm}$ calibration solutions (20 mL, 10 pcs each)
HI 77300P	pH 7 and 1382 ppm calibration solutions (20 mL, 10 pcs each)
HI 77400P	Calibration kit (pH 4 and pH 7, 20 mL, 5 pcs each)
HI 7061L	Cleaning solution (460 mL)
HI 70300L	Storage solution (460 mL)
HI 721312	Rugged carrying case
HI 710009	Blue rubber boot