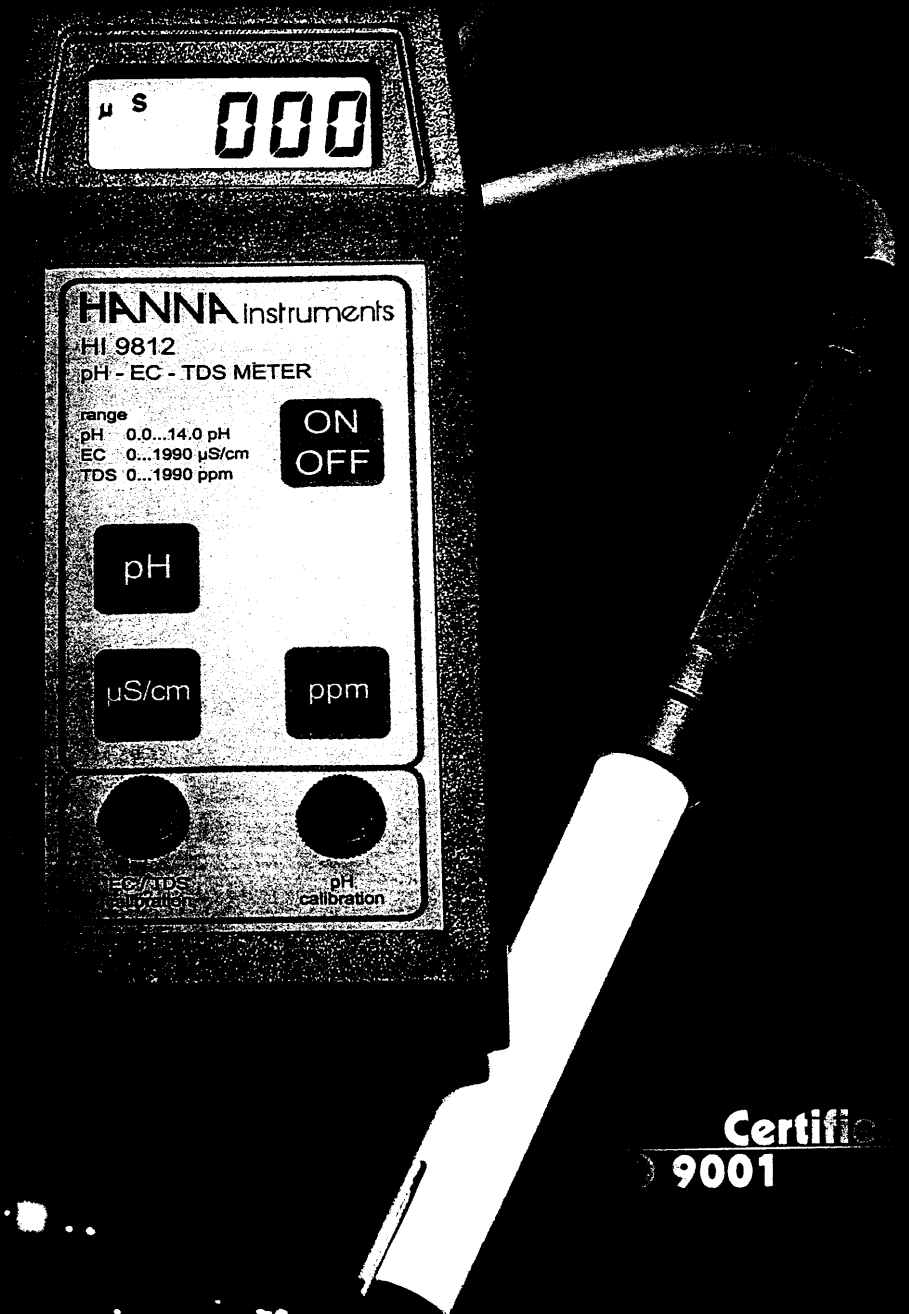


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Certified
9001

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

		HI 9812
RANGE	pH	0.0 to 14.0
	$\mu\text{S}/\text{cm}$ ($\mu\text{mho}/\text{cm}$)	0 to 1990
	mg/L (ppm)	0 to 1990
RESOLUTION	pH	0.1
	$\mu\text{S}/\text{cm}$	10
	mg/L	10
ACCURACY (@20°C/68°F)	pH	±0.2 pH
	$\mu\text{S}/\text{cm}$	±2% Full Scale
	mg/L	±2% Full Scale
CALIBRATION		Manual 1 point through trimmer for all parameters
TEMPERATURE COMPENSATION		Automatic from 0 to 50°C (50 to 122°F) with β of 2% per °C (conductivity/TDS only)
PROBE		HI 1285 pH/conductivity/TDS probe with DIN connector and 1 m (3.3') cable (included)
BATTERY TYPE / LIFE		1 x 9V / 150 hours approx. continuous use
ENVIRONMENT		0 to 50°C (32 to 122°F); RH 95%
DIMENSIONS		185 x 82 x 45 mm (7.3 x 3.2 x 1.8")
WEIGHT		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