

# Watercheck

# Watercheck 1

## Read both pH & Conductivity or pH & TDS with One Stick Meter

*Watercheck* is a combination pocket meter providing on-the-spot measurements of pH and conductivity or TDS.

Since 1986 Hanna Instruments has been providing the water conditioning and purification markets with the popular pHep® and DiST families of products. Thanks to your input, we are proud to offer you a more cost-effective unit substituting two instruments. Simply dip the bottom 1/2" to 1" of the *Watercheck* in your sample and read two important parameters in seconds! The *Watercheck* meters are rugged, specifically designed for field applications. Calibration has been

reduced to one point for each pH and conductivity/TDS modes.

Automatic Temperature Compensation guarantees accurate reading of all conductivity/TDS measurements. The conductivity range has been extended to 1990  $\mu\text{S}/\text{cm}$  (or 1990 ppm).

The need to quickly react to variations, which are typical in water conditioning testing, has been overcome by the new electrode design, which reduces the distance between the pH glass bulb and the silver-silver chloride reference to a few millimeters.

### • 2 Meters in 1

*Watercheck* is the first pocket meter measuring pH and conductivity/TDS at the same time with the interchangeable HI 1281 probe.

### • Long Battery Life

The powerful electronics allows the meter to operate for extended periods of time (more than 9 months at 12 tests per day and at 5 minutes per test).

### • FRP: Fast Response Probe

Five times faster than conventional testers, HI 1281 has been specifically developed for water conditioning and purification applications.

## SPECIFICATIONS

	<i>Watercheck</i>	<i>Watercheck 1</i>
RANGE	0.0 to 14.0 pH 0 to 1990 $\mu\text{S}/\text{cm}$	0.0 to 14.0 pH 0 to 1990 ppm (mg/L)
TDS RATIO	—	0.5 ppm = 1 $\mu\text{S}/\text{cm}$
RESOLUTION	0.1 pH 10 $\mu\text{S}/\text{cm}$	0.1 pH 10 ppm
ACCURACY (@20°C/68°F)	$\pm 0.2$ pH / $\pm 2\%$ F.S.	
TYPICAL EMC DEVIATION	$\pm 0.2$ pH / $\pm 2\%$ F.S.	
CONDUCTIVITY/TDS TEMP. COMPENSATION	Automatic with a $\beta$ of 2% per degree °C	
pH CALIBRATION	Single point through OFFSET trimmer @ pH 7.0	
CONDUCTIVITY/TDS CALIBRATION	Single point	
PROBE	HI 1281 (included)	
BATTERY TYPE / LIFE	3 x 1.4V / approx. 290 hours	
ENVIRONMENT	0 to 50°C (32 to 122°F); RH 95%	
DIMENSIONS	Meter Kit	194 x 29 x 15 mm (7.6 x 1.2 x 0.6") 240 x 70 x 35 mm (9.5 x 2.8 x 1.4")
WEIGHT	Meter Kit	70 g (2.5 oz.) 340 g (12 oz.)

## HOW TO ORDER

HI 98114 (*Watercheck*) meter with HI 1281 probe, pH 7 & 1413  $\mu\text{S}/\text{cm}$  conductivity solutions, screwdriver and batteries in a carrying case

HI 98115 (*Watercheck 1*) meter with HI 1281 probe, pH 7 & 1382 ppm TDS solutions, screwdriver and batteries in a carrying case

## ACCESSORIES

HI 1281 pH & cond./TDS ATC replacement probe

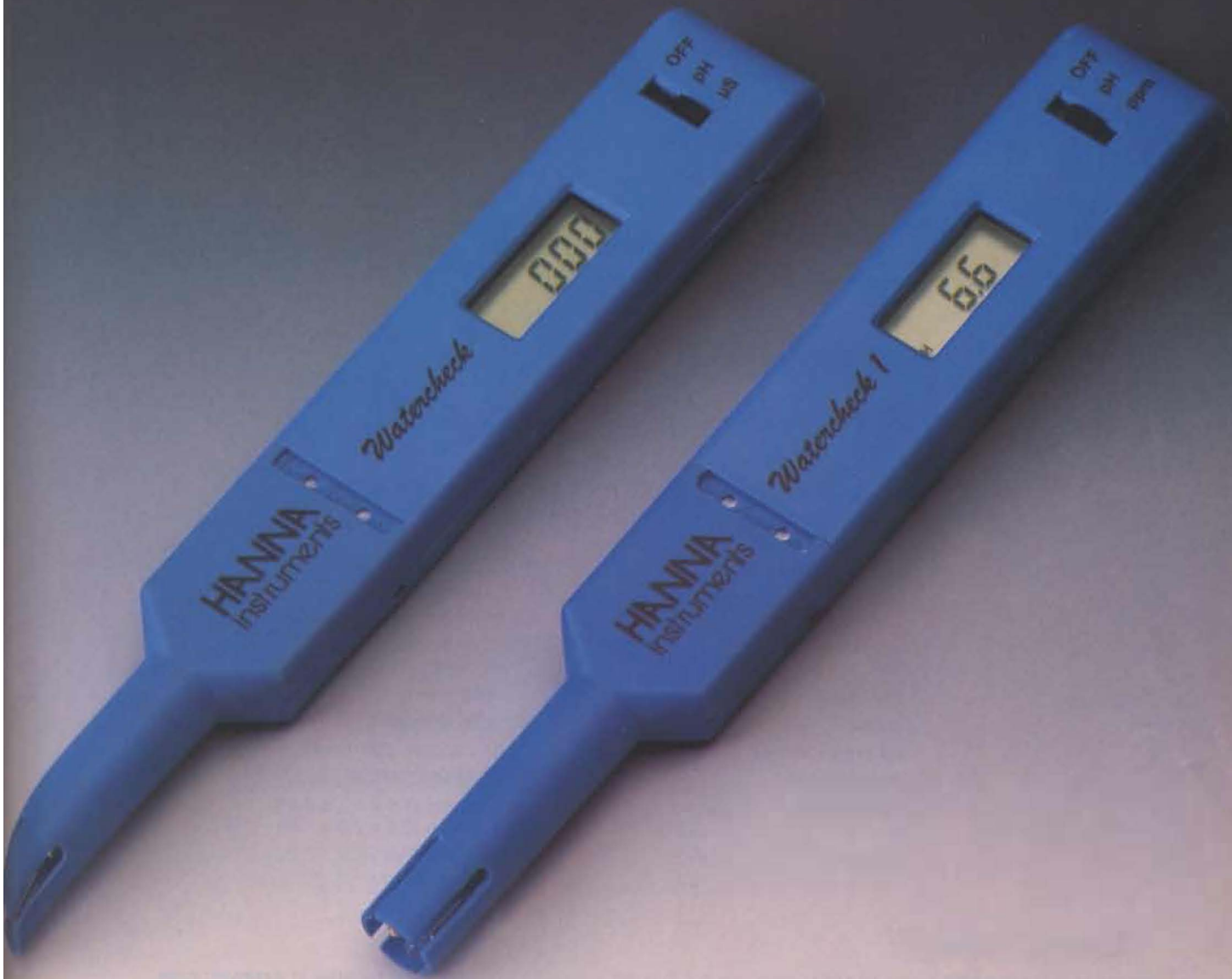
HI 77100P pH 7.0 and 1413  $\mu\text{S}/\text{cm}$  calibration solutions (20 mL, 10 pcs each)

HI 77300P pH 7.0 and 1382 ppm (mg/L) calibration solutions (20 mL, 10 pcs each)

HI 70300M Storage solution (230 mL)

For a complete range of calibration and maintenance solutions see pages G5, G7, G9, G12, H34 and H35.

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