



## Handheld Dip Strip Photometer Tests Water Over 40 Chemicals/Compounds

### HHWT-12



- ✓ Dip Strip Photometer
- ✓ EPA and DIN Compliant
- ✓ 0.01 ppm (mg/L) Precision
- ✓ No Visual Color Matching Required
- ✓ Waterproof Meter NEMA 4X (IP67)
- ✓ Automatic Countdown Test Timer
- ✓ Simple 3-Button Control
- ✓ Lightweight

OMEGA's HHWT-12 photometer uses the dip strip method and technologies that offer faster, safer, easier, and more precise water testing. The HHWT-12 has been designed to offer the user a more "green" and cost-effective alternative to testing. Instead of using a 10 ml water sample, it uses a 4 ml water sample, which uses up to 60% less chemical per test. The easy to use dip strip method delivers the reagents to the sample safely and takes the guesswork out of water testing. The HHWT-12 offers ten modes which provide direct read capabilities for nine direct reads: Total Alkalinity, Bromine, Calcium Hardness, Free Chlorine, Total Chlorine, High Range Chlorine, Copper, Ozone, Permanganate, pH, and % transmission—which allows for testing of an additional 31 parameters.

### Specifications

**Measurement Method:** Photometric

**Light Source:** Light emitting diode (LED)

**Wavelength:** 525 nm

**Memory:** 20 tests per menu; 140 total

**Programmed Tests:** Total Alkalinity, Calcium Hardness, Free Chlorine, Ozone Transmission, Bromine, Copper, Total Chlorine, Permanganate



HHWT-12

**Transmission Mode Tests:** Ammonia, Chlorine Dioxide, Cyanuric Acid, low range T. Hardness, Iodine, Iron Total Manganese, Nitrite, Acid pH, Potassium, Sulfate, Turbidity Chlorine/Salt, Chromium, Hexavalent Fluoride, Hydrogen Peroxide, Iron, Magnesium, Nitrate, pH, Alkali pH, Protein, Sulfide

**Transmission Range:** 100 to 0.00%T

**Photometric Precision:** ±0.1/0.01%T

**Automatic Range Selection:** Displays 0.01 or 0.1 resolution automatically

**Display:** 3-digit customized LCD with annunciators

**Cell Pathlength:** 20 mm

**Sample Required:** 4 ml (0.13 oz)

**Reagent System:** Dip strip reagent delivery system

**Operating Temperature Range:** 0 to 50°C (32 to 122°F)

**Power Supply:** 4 "AAA" alkaline batteries (included)

**Battery Life:** >2000 tests with alkaline batteries

**Electromagnetic Compliance (EMC):** Emitted interference-EN 61326; immunity to interference-EN 61326

**Waterproof Rating:** Exceeds NEMA 4X (IP67)

**Weight:** 140 g (5 oz)

**Dimensions:** 5 W x 3.5 D x 16.5 cm H (2 x 1.4 x 6.4")

**Government Compliance:** CE and USEPA compliance for free/total chlorine





# WATER & SOIL INSTRUMENTS



HHWT-486632



HHWT-486637

All models shown smaller than actual size.



HHWT-486638



HHWT-486670

## To Order

Model No.	Description
HHWT-12	Handheld dip strip photometer for multiple tests (meter only)

Comes complete with 4 "AAA" batteries, photometer, mixing cap, cell cleaning brush and operator's manual (test reagent strips sold separately).

## Accessories

Model No.	Description
HHWT-486602	2.0 ppm verification/calibration reference 10 each 10 ml capsules
HHWT-486641	100 test strips for Total Alkalinity
HHWT-486636	100 test strips for Bromine (DPD-1)
HHWT-481657	25 test strips for Chloride/Salt II (as NaCl)
HHWT-486633	100 test strips for Chlorine Dioxide (DPD-1)
HHWT-486637	100 test strips for Free Chlorine (DPD-1)
HHWT-486638	100 test strips for combined/Total Chlorine (DPD-3)
HHWT-486670	100 test strips for Total Chlorine (DPD-4)
HHWT-486672	50 test strips for High Range Free Chlorine (HR)
HHWT-486614	50 test strips for Chromium (VI)
HHWT-486632	50 test strips for Copper (Cu+2)
HHWT-481652	60 test strips for Cyanuric Acid II
HHWT-484014	50 test strips for Glycine (for Chlorine removal)
HHWT-486616	50 test strips for Hydrogen Peroxide LR (low range)
HHWT-486648	50 test strips for Hydrogen Peroxide MF (mid range)
HHWT-486676	100 test strips for Hydrogen Peroxide HR (high range) (DPD-4)
HHWT-486627	100 test strips for Iodine
HHWT-486650	Kit with 50 test strips/50 reducer pillows for Total Iron, TPTX (Fe+2/Fe+3)
HHWT-486673	50 test strips for Total Hardness (0-250 ppm as CaCO <sub>3</sub> )
HHWT-486630	100 test strips for LR Total Hardness (as CaCO <sub>3</sub> )
HHWT-486606	Kit for 24 tests for Manganese (Mn+2)
HHWT-486655	50 test strips for Nitrate (as NO <sub>3</sub> )
HHWT-486623	50 test strips for Nitrite (as NO <sub>2</sub> )
HHWT-486634	100 test strips for Ozone (DPD-4)
HHWT-486674	100 test strips for Peracetic Acid (DPD-4)
HHWT-486626	100 test strips for Permanganate
HHWT-486639	100 test strips for pH
HHWT-486814	50 test strips for Phosphate
HHWT-486608	50 test strips for Sulfate (as SO <sub>4</sub> )
HHWT-486646	50 test strips for Sulfide (as H <sub>2</sub> S)
HHWT-487202	Dilution kit (includes plastic lab 50 ml graduated cylinder with seal, 3 ml syringe)
MN2400-12	Replacement "AAA" batteries (12)
RCC-1000	Rugged carrying case with foam

Ordering Example: HHWT-12, dip strip photometer.

HHWT-486650 Iron test strips and HHWT-486639 pH test strips.