



Trace₂o[®]

HYDROTEST[®] HT1000

Portable Robust Multiparameter Photometer

The HydroTest[®] HT1000 is a compact but powerful handheld photometer for testing water quality across over 40 key parameters. It offers a low cost, lightweight and easy colorimetric solution at the touch of a button using simple single dose tablet reagents.

This instrument is available either as an engineer's kit, in an IP68 hard shell case with foam inner and a wide range of accessories, with reagents for the most common tests OR on its own in a sturdy zipped canvas bag as an economical alternative.

The HydroTest[®] HT1000 photometer is part of several Trace2o[®] products, including the range of the Aquasafe[®] portable drinking water safety laboratories, the HydroKit[®] physicochemical test kits and the HTCOD chemical oxygen demand engineer's kit.



SPECIALIST MANUFACTURERS OF ENVIRONMENTAL
ANALYSIS AND MONITORING EQUIPMENT

T₂o[®]

BENEFITS

- Reduce fatigue with the lightweight, ergonomic and easy to hold handset



- Save time and money. Over 100 pre-set digital programmes for over 40 parameters means testing for several water contaminants is fast
- Save consumable costs with accurate reproduceable results down below 1mg/l (depending on the parameter)
- Reduce worry of damage in the field due to the impact resistant re-enforced digital screen
- Measure in any ambient light with the backlit graphical LCD display
- No loss due to accidental drops into water sources. The HydroTest® HT1000 floats and is IP68 rated



- No need for additional accessories with the complete HT1000 engineers kit complete with an rugged IP68 rugged case
- Save money and space with the zipped canvas bag economical alternative unit

- Avoid user errors, even when short colour development steps are required, with pre-programmed timed reactions where necessary

- Reduce training time and costs with simple one button programme selection
- Easy to calibrate with premade colour verification standards (sold separately)
- High levels of stock at the Trace2o® warehouse means kits can reach the field fast, avoiding delays on your valuable results
- Avoid loss of data by using the 1000 datapoint memory storage on the unit
- Rapid deployment in the field for emergency response due to its small, lightweight size and easy carriage



- Avoid the problems with reagent loss due to wind or environmental conditions, which can happen with powder pillows, using pre-dosed Trace2o® tablet reagents
- Avoid the worry of power loss using the easy access waterproof battery compartment which uses both rechargeable and standard alkaline AA LR-6 batteries
- Communicate with your Laptop and store data using the optional PC-Link module

CONSUMABLES AND REAGENTS

DESCRIPTION	PACK SIZE	PART NUMBER
HydroTest® HT1000 Engineer's Kit	Unit	HT1000
HydroTest® HT1000 Meter only in canvas bag	Unit	HT1000MO
HydroTest® Verification standards for calibration	Set	HTVERI
HydroTest® PC-Link Module for data upload	Unit	HTPCLINK
CONSUMABLES AND REAGENTS		
Alkalinity-M	300 tests	HTALM100/3
Alkalinity-M (HR)	300 tests	HTALMH100/3
Alkalinity-P	300 tests	HTALP100/3
Aluminium	300 tests	HTALU100/3
Ammonia	300 tests	HTNH3100/3
Boron	300 tests	HTB100/3
Bromine	300 tests	HTBR2100/3
Chloride	300 tests	HTCLD100/3
Chlorine (Free + Combined) Combi-Pack	300 tests	HTCL2100/3
Chlorine (Free)	300 tests	HTCL2F100/3
Chlorine (Combined)	300 tests	HTCL2C100/3
Chlorine (High Ca)	300 tests	HTCL25CA100/3
Chlorine (HR)	300 tests	HTCL25HR100/3
Chlorine Dioxide	300 tests	HTCLO2100/3
Chromium (VI)	300 tests	HTCR6100/3
Chromium (Total)	300 tests	HTCRT100/3
COD (LR)	25 tests	HTCODL25
COD (MR)	25 tests	HTCODM25
COD (HR)	25 tests	HTCODH25
Copper	25 tests	HTCU100/3
Cyanide	300 tests	HTCN100/3
Cyanuric Acid	300 tests	HTCYS100/3
Fluoride	300 tests	HTF100/3
Hardness, Calcium	300 tests	HTHAC100/3
Hardness, Calcium (HR)	300 tests	HTHACH100/3
Hardness, Magnesium	300 tests	HTHAMG100/3
Hardness, Total	300 tests	HTHAT100/3
Hydrazine	300 tests	HTHYD100/3
Hydrogen Peroxide	300 tests	HTH2O2100/3
Iodine	300 tests	HTI2100/3
Iron (LR)	300 tests	HTFEL100/3
Iron (LR, differentiated)	300 tests	HTFED100/3
Iron (MR)	300 tests	HTFEM100/3
Iron (HR)	300 tests	HTFEH100/3
Manganese	300 tests	HTMN100/3
Molybdate	300 tests	HTMOO4100/3
Nickel	300 tests	HTNI100/3
Nitrate	300 tests	HTNO3100/3
Nitrite	300 tests	HTNO2100/3
Oxygen, active	300 tests	HTO2100/3
Ozone	300 tests	HTO3100/3
Phosphate, ortho (LR)	300 tests	HTPO4L100/3
Phosphate, ortho (HR)	300 tests	HTPO4H100/3
pH (LR)	300 tests	HTPHL100/3
pH (MR)	300 tests	HTPHM100/3
pH (HR)	300 tests	HTPHH100/3
Potassium	300 tests	HTK100/3
Silica	300 tests	HTSIO2100/3
Sodium Hypochlorite	300 tests	HTHYP100/3
Sulfate	300 tests	HTSO4100/3
Sulfide	300 tests	HTS2100/3
Sulfite	300 tests	HTSO3100/3
Urea	300 tests	HTUREA100/3
Zinc	300 tests	HTZN100/3

For more information or for a quotation visit www.trace20.com, call +44 (0)1635 866772, tweet @Trace20 or email info@trace20.com

TECHNICAL SPECIFICATIONS

Dimensions (mm)	<ul style="list-style-type: none"> ⊙ 470 x 365 x 190 (Engineer's Kit) ⊙ 250 x 120 x 80 (Canvas Bag)
Weight (Kg)	<ul style="list-style-type: none"> ⊙ 7.5 (Engineers Kit) ⊙ 2 (Canvas Bag)
Approvals	<ul style="list-style-type: none"> ⊙ CE Conformity, IP68
Country of origin	<ul style="list-style-type: none"> ⊙ United Kingdom
Data	<ul style="list-style-type: none"> ⊙ 1000 Data set storage ⊙ Data upload via PC-Link module ⊙ English/French/Spanish/Portuguese
Optical	<ul style="list-style-type: none"> ⊙ Wavelengths 430/530/560/580/610/660nm ⊙ Wavelength accuracy +/- 1nm ⊙ Accuracy 2% F.S. @20°C to 25°C ⊙ Resolution 0.005 Abs
Parameters available	<ul style="list-style-type: none"> ⊙ Over 40
Preprogrammed methods available	<ul style="list-style-type: none"> ⊙ Over 100
User Interface	<ul style="list-style-type: none"> ⊙ Backlit LCD graphical display ⊙ Touch sensitive keypad ⊙ Audible error buzzer
Portability	<ul style="list-style-type: none"> ⊙ IP68 rated waterproof case ⊙ Buoyant ⊙ Hard Shell carry case (Engineer's kit) ⊙ Zipped canvas bag with handle (Meter only option)
Protection	<ul style="list-style-type: none"> ⊙ Pressure resistant reinforced screen ⊙ Hard shell case (Engineer's kit only) ⊙ Chemically resistant housing ⊙ Case floats in water ⊙ IP68 water and dust proofing
Recommended storage temperature	<ul style="list-style-type: none"> ⊙ 0°C to 70°C
Optimum operating temperature	<ul style="list-style-type: none"> ⊙ 0°C to 40°C
User interface	<ul style="list-style-type: none"> ⊙ LCD display ⊙ Tactile soft keys ⊙ Audible alerts
Power supply	<ul style="list-style-type: none"> ⊙ 4 x AA/LR-6 Batteries
Manufacturer's warranty	<ul style="list-style-type: none"> ⊙ Standard 1 Year from purchase

Trace2o Ltd, The Technology Centre, Unit M, Venture House, Abex Road
Off Bone Lane, Newbury, Berkshire, RG14 5SH, United Kingdom

T +44 (0)1635 866772 | sales@trace2o.com | www.trace2o.com

Twitter: @Trace2o | LinkedIn: Trace2o Ltd