

Taylor's TTi[®] 2000

Colorimeter

FOR POOL/SPA WATER ANALYSTS

GET RELIABLE PERFORMANCE
AND USER-FRIENDLY FEATURES



THE TRADITION OF
EXCELLENCE CONTINUES!



the most trusted name in water testing

Taylor Technologies, Inc.
410-472-4340
800-TEST KIT (837-8548)
www.taylortechnologies.com

ISO 9001:2008 Certified

The **TTi® 2000 Colorimeter** from Taylor Technologies offers water analysts reliable results plus a variety of features to maximize your productivity. This handheld, multiwavelength, microprocessor-controlled, menu-driven, direct-readout instrument employs LED Light sources. Its portability and data-logging capabilities make it well suited for use at regulated pools and by service technicians.

Dependable chemistries from the most trusted name in water testing:

- serving water analysts with distinction since 1930
- manufacturer's Quality Management System is certified to ISO 9001:2008
- Accuracy Check Kit for quality control
- toll-free technical support from both chemists and programmers

Durable construction:

- custom-crafted for use under harsh conditions: chemical-, impact-, and heat-resistant housing; sure-grip molding; liquid crystal display protected from abrasion and chemicals
- IP67-certified as dust tight and immersible to 1 meter for 30 minutes
- complies with Canadian ICES-003 and European CE mark directives

• 5-YEAR WARRANTY

Ergonomic design:

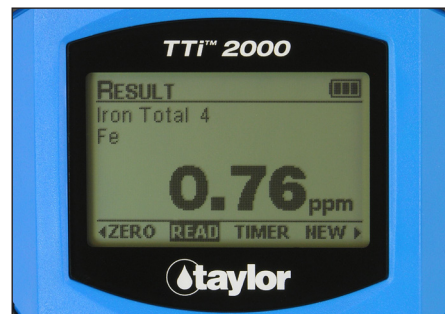
- fits neatly to hand; only weighs 21 ounces
- runs on batteries and AC power (batteries and power adapter included)
- automatic wavelength selection
- intuitive navigation using directional arrows
- graphical LCD with anti-glare coating offers excellent contrast and readability
- adjustable backlighting; a timeout feature conserves battery life
- tests organized alphabetically, not by a test number
- create your own menus of favorite tests and favorite series of tests
- auto-read function on test timer— never miss another test result because you got preoccupied with other tasks!
- second, general-purpose timer
- adjustable automatic shutoff

Preprogrammed tests for commercial and residential applications:

- all the tests necessary to prevent harm to swimmers or surfaces from poor water quality
- lifetime **FREE** upgrades as new tests are developed
- accepts 8 additional user-developed tests of 12 data points each
- read results in Concentration, % Transmission, or Absorbance
- **watch video demonstrations of tests on our website**

Data interface software makes managing records simple:

- store up to 100 date- and time-stamped test results in memory
- USB cable provided for data transfer to your PC or laptop
- Windows®-based *TTi® Colorimeter Series PC App* included in meter purchase
- dedicated website for software support



Never miss seeing your timed-test result with the TTI 2000's auto-read function.



(1) Rigid foam insert inside; use with optional soft case

M-2000 COMPONENTS



plus:

TTi® Colorimeter Series PC App
Online TTi® Colorimeter Series User's Manual
 Lifetime **FREE** access to new test files (no need to return meter to manufacturer)

OPTIONAL ACCESSORIES



▲ K-8000 TTI® Colorimeter Series Accuracy Check Kit

Verify instrument performance at all wavelengths using five secondary absorbance standards.



▲ #7146 Soft Carrying Case

Heavy-duty 600 denier polyester, sized to accommodate the rigid foam insert the M-2000 ships in.

#9506 Hard Carrying Case ▶



contents sold separately



▲ #9504 Hard Carrying Case

SPECIFICATIONS

Dimensions

Size	3-1/2 in. wide x 8-1/2 in. deep x 3-1/2 in. high
Weight (with batteries)	21 oz.
Liquid Crystal Display	160 x 100 resolution & polarized
Sample Cell Compartment	Accommodates 25 & 15 mm round sample cells
Part #9504 Hard Carrying Case (purchase separately)	20 in. wide x 15 ^{-5/8} in. deep x 5-1/2 in. high
Part #9506 Hard Carrying Case (purchase separately)	10.75 in. wide x 9 in. deep x 7 in. high
Part #7146 Soft Carrying Case (purchase separately; use with rigid foam shipping insert)	11 in. wide x 7 in. deep x 4 ^{-5/8} in. high

Performance

Photometric Range	0–2 ABS
Photometric Accuracy	±0.005 ABS @ 1.0 ABS nominal
Photometric Linearity	±0.002 ABS (0–1 ABS)
Repeatability	±0.005 ABS (0–1 ABS)
Resolution	0.001 ABS (0–1 ABS)
Wavelength Filters	420, 470, 520, 570, 620 & 660 nm
Wavelength Accuracy	±1 nm
Wavelength Bandwidth	10 nm ±1 nm
Stray Light	< 1.0%

Instrument Rating

Power Source	4 x AA 1.5V alkaline or lithium batteries, AC power adapter, or USB cable
Battery Life (w/o backlight)	4 months (typical use, 12 tests/day, 5 days/week) w/ low battery indicator
Max Current	100 mA @ 5VDC
AC Power Adapter Input	100–240 VAC, 50/60 Hz
Input and Output Connections	Mini-B female USB port for data transfer and connection to AC power adapter or USB cable
Environmental Conditions	Operational temperature range: 32°F–122°F (0°C–50°C)

Minimum System Requirements for PC App

CPU	Pentium® III or better
RAM	500 megabytes
Available Hard Disk Storage	30 megabytes
Operating System	Windows® XP, Windows® Vista, or Windows® 7 (compatible with 32-bit and 64-bit systems)



AVAILABLE TESTS

Kit No.	Analyte	Range(s)
K-8024	Alkalinity, Total	0–250 ppm CaCO ₃
K-8040	Biguanide	0–70 ppm PHMB
K-8002	Bromine, Total	0–10.0 ppm or 0–20.0 ppm Br ₂
K-8001	Chlorine, Free & Total	0–4.00 ppm, 0–8.0 ppm, or 0–10.0 ppm Cl ₂ (uses DPD/P)
K-8012	Copper	0–3.00 ppm Cu
K-8032	Cyanuric Acid	7–120 ppm CYA
K-8030	Hardness, Calcium	0–800 ppm CaCO ₃
K-8029	Hardness, Total	0–500 ppm CaCO ₃ ; includes a test for NaCl for pools/spas that utilize salt systems to produce chlorine

Kit No.	Analyte	Range(s)
K-8020	Hydrogen Peroxide (biguanide shock)	0–2.00 ppm H ₂ O ₂ ; by dilution: 2–20 ppm, 20–100 ppm, or 100–125 ppm H ₂ O ₂
K-8009	Iron	0–4.00 ppm Fe
K-8034	Manganese	0–0.80 ppm Mn
K-8031	Monopersulfate (oxidizing shock)	0–10.0 ppm Cl ₂ (uses DPD/P)
K-8035	Nitrate	0–44 ppm NO ₃ ⁻
K-8027	pH	6.50–8.50
K-8027AB	pH (with Acid & Base Demand)	6.50–8.50
K-8005	Phosphate	0–3.00 ppm (20–3000 ppb) PO ₄ ³⁻
K-8023	Sodium Chloride (salt)	0–80 ppm NaCl; by dilution: 75–150 ppm, 150–500 ppm, 500–2000 ppm, or 2000–8000 ppm NaCl

why I like it :)

- ✓ CREATES SHORTCUTS TO MY FAVORITE TEST SEQUENCES (CUSTOMIZED SERIES FOR BROMINE SPAS, ONE FOR CHLORINE POOLS, ANOTHER FOR POOLS WITH ECGs, ETC.)
- ✓ NO TABLET REAGENTS TO CRUSH AND DISSOLVE BEFORE I CAN BEGIN A PROCEDURE
- ✓ NO SECOND-GUESSING COLOR MATCHES
- ✓ TESTS CHLORINE UP TO 10 PPM WITHOUT DOING DILUTIONS
- ✓ GETS ACCURATE READINGS IN ANY LIGHT, INCLUDING INDOORS
- ✓ THE AUTO-READ FUNCTION ON THE TEST TIMER PREVENTS ME FROM MISSING A RESULT BECAUSE I GOT BUSY WITH OTHER TASKS
- ✓ GREATER TEST SENSITIVITY MEANS MORE PRECISE READINGS, ALLOWING ME TO CALCULATE THE CHEMICAL TREATMENT WITHOUT UNDER- OR OVERDOSING
- ✓ THE PC APP TRANSFERS TIME- AND DATE-STAMPED TEST RESULTS TO MY MAIN DATABASE FOR AN IRREFUTABLE MAINTENANCE RECORD
- ✓ GREAT TAYLOR TECH SUPPORT

