



SMART 3 Colorimeter

The user-friendly SMART3 Colorimeter is the direct reading colorimeter for complete on-site water analyses. More than 75 pre-programmed tests can be run on this compact instrument and each test features automatic wavelength selection. The entire multi-LED optical system is embedded in the light chamber and optimized for LaMotte test reagent systems. This enables the analyst to simply select the test and put in the sample with reagent. The microprocessor, which selects the wavelength, also allows the user to load up to 25 tests for analyzing custom reagent systems. A USB connection allows an interface of the colorimeter with a computer for real-time data acquisition and data transfer. The meter logs up to 500 data points.



* Picture shows SMART 2 Colorimeter

Advanced Features

- ◆ The SMART 3 Colorimeter is supplied with 6 sample tubes, COD/UDV adapter, USB AC/adaptor, instruction manual and USB cable.
- ◆ Menu-driven display
- ◆ Over 75 pre-programmed tests with 25 user tests

Specifications

LED/filter setup at 428 nm, 525 nm, 568 nm, 635 nm
 Detector: 4 silicon photodiodes with integrated interference filters
 Display: 160 x 100 backlit LCD, 20 x 6 line graphical display
 Range: -2 to 2 Absorbance Units (AU)
 Resolution: ±0.001 AU at 1.0 AU
 Accuracy: ±0.005 AU at 1.0 AU
 Sample Cell: 25 mm dia. test tubes, 10 mm square cuvettes, 16 mm COD tubes
 Power: Li-ion rechargeable battery, 3.7v, 2.5 x .75 inches, 1.7 oz. or USB computer cable or wall adapter
 Battery Life: 500 tests
 USB: Mini B
 Calibration: Factory set
 Keypad: 6-button membrane switch
 Size: 8.84 x 19.05 x 6.35 cm; 3.5 x 7.5 x 2.5 inches
 Weight: 362 g



Item Description	Order Code
SMART 3, 120V/60Hz, Comes with 6 sample tubes, USB/ AC computer adapter, manual	1910
USB cable	1720
USB wall adapter	1721
Small field carrying case	1919-GCS150
Large carrying case	1919-GCS440
COD/UDV adapter	1724
Car charger	5-0132



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PockeTesters

Ideal for almost any water analysis application. The WATERPROOF pH PockeTesters float and can be intermittently submerged to a depth of 3 feet. The WATERPROOF feature makes cleanup easy since the whole unit can be rinsed. Replacement electrodes help reduce long term costs. Not recommended for strong acids, solvents, or other harsh applications.



The world's first pocket-sized ISE meter for measuring chlorine directly in parts per million. It can also be used to test pH and ORP. Interchangeable flat surface sensor modules make this the most versatile PockeTester ever offered.

- ◆ Read Total Chlorine from 0.00-9.99 ppm to 0.01 ppm resolution
- ◆ Readings are not affected by sample color or turbidity
- ◆ Extra bold display includes an analog bar graph feature
- ◆ Memory saves calibration values and can store up to 15 readings
- ◆ Chlorine and pH modes also display sample temperature
- ◆ Waterproof design with matte finish makes opening battery compartment and changing probe tips easier
- ◆ Automatic shut-off and Low Battery indicator provide user convenience; uses four LR-44 batteries
- ◆ Includes 100 reagent tablets at almost half the price of similar Chlorine ISE reagents

Description	Code
TCI Tracer, pH, & ORP Sensor	1740-KIT
TCI TRACER PockeTester	1740
TCI Sensor	1732
pH TRACER & TCI Sensor	1741-KIT
pH TRACER PockeTester	1741
pH Sensor	1733
ORP Tracer & pH Sensor	1742-KIT
ORP TRACER PockeTester	1742
ORP Sensor	1734
Optional weighted stand & 5 sample cups	1746
Chlorine reagent refill pack (100 tablets)	7044-J



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