



CODPlus Portable Colorimeter

Portable Colorimeter for measuring a wide variety of samples.



- Simple Menu Driven Display
- Pre-Programmed Tests, User Tests
- Automatic Wavelength Selection
- Large Display Screen

Description

The CODPlus Portable Colorimeter is a user-friendly portable colorimeter that is an ideal direct reading colorimeter for complete on site water analyses. All pre-programmed tests can be run on the compact colorimeter and each test features automatic wavelength selection the entire multi-LED optical system is embedded in the light chambers and optimized for the test reagent systems. You can simply select the test and put in the sample with reagent. The colorimeter's microprocessor, which selects the wavelength, also allows you to load up to 10 tests for analyzing custom reagent systems.

The CODPlus Portable Colorimeter uses a simple menu driven display to show the user the over 25 pre-programmed tests on the large 4 line LCD screen. The portable colorimeter is also able to display an over/under range diagnostic error message. The portable colorimeter has an integral datalogger that can be accessed via the SMARTLink 2 software and the RS232 port built into the colorimeter's housing. An optional carrying case is available for the portable colorimeter.

Specifications

Instrument Type: Colorimeter
Readout: Graphical 4 line, 16 character per line LCD
Keypad: 6-button membrane switch
Wavelengths: 430nm, 620 nm
Wavelength Accuracy: ± 2 nm
Readable Resolution: Determined by reagent system
Wavelength Bandwidth: 10nm typical
Photometric Range: -2 to +2A
Photometric Precision: $\pm 0.001A$
Sample Chamber: Accepts 25 mm diameter flat-bottomed test tubes, 10 mm square cuvettes, 16 mm COD test tubes
Light Sources: 2 LEDs
Detectors: 2 silicon photodiodes with integrated interference filters
Modes: Absorbance, pre-programmed tests
Pre-Programmed Tests: YES, with automatic wavelength selection
User Defined Tests: Up to 10 user tests can be input
Data Logger: 350 test results stored for download to a PC
RS232 Port: 8 pin mini-DIN, 9600b
Power: 9 volt alkaline or AC adapter
Line Operation: 110/220V AC; 50/60 Hz with adapter, 6V 500 mA DC
Dimensions: (LxWxH) 8.5 x 16.2 x 16.7 cm, 3.4 x 6.4 x 2.6 inches
Weight: 312 g, 11 oz (meter only)

Options and Accessories

CODPlus Portable Colorimeter (120V/60Hz)
Includes 4 sample tubes, COD adapter, and AC adapter.

CODPlus-EX2 Portable Colorimeter (230V/50Hz)

1919 GCS440 Large Field Carrying Case
SMARTLink 2 Software (CD)

Instrument Reagent Tests

Boron
COD
Copper DDC
Fluoride
Molybdenum HR
Potassium
Sulfide LR

Contact
Global Water
for all your
instrumentation
needs:

Water Level
Water Flow
Water Samplers
Water Quality
Weather
Remote Monitoring
Control



Global Water
The Leader in Water Instrumentation

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