

## **CODPlus Portable Colorimeter**

Portable Colorimeter for measuring a wide variety of samples.



## **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 preprogrammed 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 preprogrammed 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.

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

# Specifications

Instrument Type: Colorimeter

Readout: Graphical 4 line, 16 character per line LCD

Keypad: 6-button membrane switch Wavelengths: 430nm, 620 nm Wavelength Accuracy: <u>+</u> 2nm

Readable Resolution: Determined by reagent system

Wavelength Bandwidth: 10nm typical Photometric Range: -2 to +2A Photometric Precision: + 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)

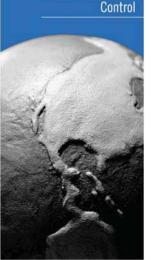
#### **Instrument Reagent Tests**

Boron COD Copper DDC Fluoride Molybdenum

Molybdenum HR

Potassium Sulfide LR

**Regional Distributor** 



Contact

needs:

**Global Water** 

instrumentation

for all your

Water Level

Water Flow

**Water Samplers** 

Remote Monitoring

Water Quality

Weather



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