



Colorimeter Series

DC1200-CL



Electronics
Only

- ✓ Water Resistant Design
- ✓ Improved Accuracy
- ✓ Auto-Zero
- ✓ Hinged Light Cover
- ✓ Digital Direct
- ✓ RS-232 Interface

The DC1200 Series of single-test, direct-reading colorimeters incorporates design advances that enhance reliability, improve accuracy and simplify the calibration process—all in a portable, handheld package.



DC1200-CL shown
smaller than actual size.

Specifications

Instrument Type: Single wavelength, direct-reading colorimeter

Readout: 3½-digit LCD

Photometric Accuracy: ±0.001 Absorbance Unit

Detector: Silicon Photodiode

Sample Chamber: Accepts 25 mm (1") diameter flat-bottom, capped test tubes (included)

Light Source: LED

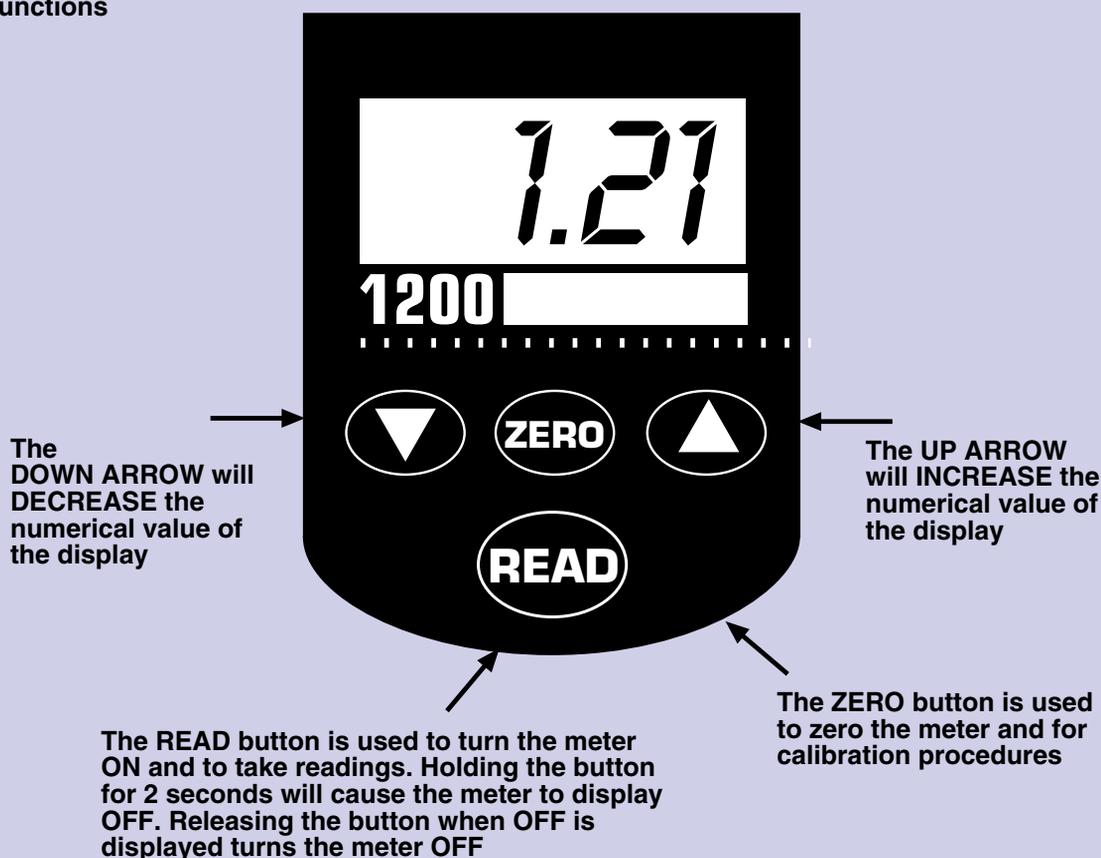
Interface: RS-232 serial port

Power: Alkaline 9-volt DC battery (included), 3.5 mm jack for optional AC adaptor

Dimensions (L x W x H): 85 x 162 x 67 mm (3.6 x 6.6 x 2.2")



DC1200 Functions



- ✓ EPA Compliant
- ✓ Single Full Range 0 to 4 ppm C1 0.05 Sensitivity
- ✓ Very Economical

Designed with protection against excessive exposure to moisture in mind, the DC1200 Series colorimeters deliver trouble-free performance in the field and lab. A microprocessor enables the factory-programmed calibrations to optimally match non-linear curves. Simply insert the blank sample and press the zero key. No more dialing in the zero. "Up" and "down" arrows enable easy calibrations to a standard for compliance monitoring a flip-top lid over the sample chamber eliminates any stray light, especially in the field, and prevents misplacing separate light caps. The large 89 mm (3½") digital display presents measurements in actual ppm concentration and indicates low battery warnings. An RS-232 port is provided to interface with a datalogger or computer. The DC1200 Chlorine Colorimeter Kit uses unit-dose DPD tablets or DPD liquid reagents.

To Order

Model No.	Description
DC1200-CL	Chlorine colorimeter
DC1200-CLO	Chlorine dioxide colorimeter
DC1200-BR	Bromine colorimeter

Comes complete with case, operator's manual, 6 sample tubes, and water sample bottle.

Ordering Example: DC1200-CL, chlorine colorimeter.

Testing Reagents

Model No.	Test Factor	ppm	Range Limit	Detection Test Method (# of Reagents)
R-DC1200-CL	Chlorine	0 to 4.00	0.05	DPD tablets (2)

Kit contents vary. Each kit comes complete with everything necessary to perform the specified test.

Ordering Example: R-DC1200-CL, chlorine test agent.