



## **FX-1200C Portable Chlorine Test Meter**

The Lamotte Model 1200 Series of single test, direct reading colorimeters incorporates design advances that enhance reliability, improve accuracy, and simplify the calibration process, all in a portable, hand-held package.

### **PRODUCT FEATURES**

- **Field & Lab Use:** An optional AC adapter (Order Code 1726) is available to save battery life when in the laboratory.
- **Large Display:** The large 3 digit display presents measurements in absorbance, and indicates low battery warnings.
- **RS-232 Interface:** An RS-232 port is provided to interface with a datalogger or computer. Optional cable available, Order Code 1772.
- **European CE Mark:** The 1200 has been independently tested and has earned the European CE Mark of compliance for electromagnetic compatibility and safety.
- **EPA Compliant:** Employing the proper wavelength and the DPD test method, the 1200 Chlorine Colorimeter Kit meets or exceeds EPA design specifications for NPDWR and NPDES chlorine monitoring programs (EPA 330.5).
- **0-4 ppm Chlorine:** No need to select a low or high range. The 1200 covers the entire critical chlorine range of 0-4 ppm with a 0.05 sensitivity.
- **A Great Value:** Complete, economical package! The 1200 Chlorine Colorimeter Kit comes with enough tablets for 100 tests or liquid reagents for 140 tests, six sample vials with screw caps, instruction manual, and sturdy carrying case. \* **Water Resistant Design:** Designed with excessive exposure to moisture in mind, the 1200 colorimeters deliver trouble-free performance in the field and lab.
- **Improved Accuracy:** The microprocessor enables the factory programmed calibrations to optimally match non-linear curves.
- **Auto-Zero:** Simply insert the sample blank and press the zero key. No more dialing in the zero.
- **Hinged Light Cover:** Flip-top lid over sample chamber prevents any stray light, especially in the field, and avoids misplacing separate light caps.



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**SPECIFICATIONS**

**GENERAL**

Instrument Type:	Single wavelength, direct-reading colorimeter
Display:	3-1/2 digit LCD
Photometric Precision:	±0.001 Absorbance Unit
Detector:	Silicon Photodiode
Sample Chamber:	Accept 25mm flat-bottomed glass vials with screw caps
Light Source:	LED
Interface:	RS-232 serial interface, 8 pin mDIN, 9600b, 8 data bits, 1 stop bit, no parity
Power:	Battery Operation: Alkaline 9-volt DC battery
Line Operation:	120V/60Hz, 220V/50Hz with adapter
Size (LxWxH):	15 x 8 x 5.5 cm; 6 x 3-1/4 x 2-1/2 inches



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