



# C 200 Series Multiparameter Photometers

Easy-to-operate

User-friendly prompts and auto-diagnostic messages

Up to 36 parameters shown directly on a large LCD

Built-in RS232 interface

Application specific models for tailored measurements



# C 200 Series

## Multiparameter Photometers

Hanna's C 200 series has been completely developed in our own research and development laboratories employing the latest technology. Hanna's C 200 series multiparameter photometers are constructed of high quality components to guarantee a high level of accuracy while still being easy to operate.

### Fast & Easy

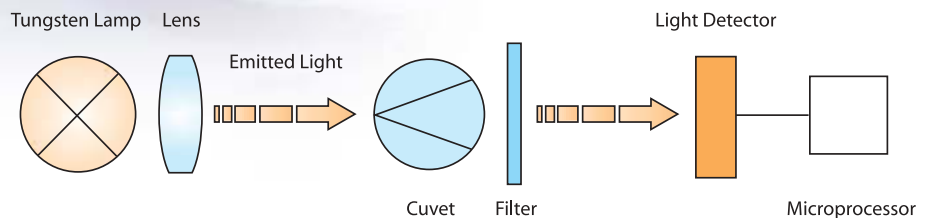
Measuring up to 36 parameters has never been easier. The front of the instrument lists all the parameters numerically. The display shows the same number for a quick reference during testing. Just select the parameter, zero the instrument, add reagents, and measure!

### Portable Laboratory Quality

The C 200 series photometers provide lab-grade accuracy even in the field. Powered by two common 9V batteries, the C 200 series can accompany you wherever you go. The battery powers the unit for 40 hours of continuous use. A built-in feature warns you when battery power is low.

### Accuracy and Precision with C 200 Series Optical System

The C 200 series multiparameter photometers use an advanced optical system which combines a tungsten lamp and a narrow band interference filter. It also allows the most accurate and repeatable readings in 420, 525, 575, and 620 nm wavelengths. The C 200 optical system, with its ability to measure accurately on four different wavelengths, allows the instrument to test a wide range of parameters.



The C 200 series bench meters can also run with batteries (2 x 9V) for more than 2000 readings - useful for those spots where power outlets are not readily available.



- 1 The cuvet fits perfectly in the holder to accurately test the sample.
- 2 With a built-in RS232 interface, you can download all the data to your PC (with optional cable and software).
- 3 Up to 36 parameters shown directly on the large dual-level LCD.
- 4 The LCD provides user-friendly prompts and auto-diagnostic messages.
- 5 Program numbers are displayed on the lower level of the LCD.
- 6 Simply press "Read Direct" and the measurement is visualized in seconds.
- 7 Counts down the amount of time needed for the chemical reaction - an important feature to ensure an accurate measurement.
- 8 Calibrates the meter with your sample to ensure an accurate measurement every time.



## Keeping your needs in mind.

Since 1978, Hanna's philosophy has been founded on the introduction of instruments developed according to the needs of a specific application or industry. From this philosophy comes the new **ADP series**. The **ADP: Application Designed Photometers** series features 14 application designed photometers at your disposal to satisfy the needs of your specific activity.

**Compact and lightweight, these meters weigh less than 1 ½ lbs!**

PARAMETER	RANGE
Aluminum	0.00 to 1.00 mg/L
Ammonia HR	0.0 to 50.0 mg/L
Ammonia MR	0.00 to 10.00 mg/L
Ammonia LR	0.00 to 3.00 mg/L
Bromine	0.00 to 8.00 mg/L
Free Chlorine HR	0.0 to 10.0 mg/L
Free Chlorine	0.00 to 2.50 mg/L
Total Chlorine HR	0.0 to 10.0 mg/L
Total Chlorine	0.00 to 3.50 mg/L
Chlorine Dioxide	0.00 to 2.00 mg/L
Chromium VI HR	0 to 1000 µg/L
Chromium VI LR	0 to 300 µg/L
Color	0 to 500 PCU
Copper HR	0.00 to 5.00 mg/L
Copper LR	0 to 1000 µg/L
Cyanide	0.000 to 0.200 mg/L
Cyanuric Acid	0 to 80 mg/L
Fluoride	0.00 to 2.00 mg/L
Hardness, Total HR	400 to 750 mg/L
Hardness, Total MR	200 to 500 mg/L
Hardness, Total LR	0 to 250 mg/L
Ca Hardness	0.00 to 2.70 mg/L

PARAMETER	RANGE
Mg Hardness	0.00 to 2.00 mg/L
Hydrazine	0 to 400 µg/L
Iodine	0.0 to 12.5 mg/L
Iron HR	0.00 to 5.00 mg/L
Iron LR	0 to 400 µg/L
Manganese HR	0.0 to 20.0 mg/L
Manganese LR	0 to 300 µg/L
Molybdenum	0.0 to 40.0 mg/L
Nickel HR	0.00 to 7.00 g/L
Nickel LR	0.000 to 1.000 mg/L
Nitrate	0.0 to 30.0 mg/L
Nitrite HR	0 to 150 mg/L
Nitrite LR	0.00 to 0.35 mg/L
Oxygen, Dissolved	0.0 to 10.0 mg/L
pH	6.5 to 8.5 pH
Phosphate HR	0.0 to 30.0 mg/L
Phosphate LR	0.00 to 2.50 mg/L
Phosphorus	0.0 to 15.0 mg/L
Silica	0.00 to 2.00 mg/L
Silver	0.000 to 1.000 mg/L
Zinc	0.00 to 3.00 mg/L

### MODELS/APPLICATION

- C 200** Laboratories
- C 203** Aquaculture
- C 205** Boiler & Cooling Towers
- C 206** Environmental Testing
- C 207** Industrial Wastewater
- C 208** Water Conditioning
- C 209** Education
- C 210** Pulp & Paper Mill
- C 211** Chemical Manufacturers
- C 212** Power Utilities
- C 213** Municipal Wastewater
- C 215** Nutrient Analysis
- C 216** Swimming Pools
- C 218** Environmental Applications

**See back cover for the list of parameters for each model.**

