

C201 Chlorine Colorimeter

Optical Measurement
Colorimeters



Uses EPA-approved DPD method to measure free and total chlorine

Convenient, foil pack reagents

Follows US EPA method 330.5 for wastewater, and Standard Method 4500-Cl G for drinking water

Simple to use

One-time blanking for multiple measurements

Waterproof and dustproof IP67 housing

even the sample chamber is waterproof

Compact size

take your Oakton® colorimeter anywhere!

Light shield and detachable parts not required

Vial cap prevents stray light from affecting readings

Large, easy-to-read display

Large, custom LCD displays readings with units of measure and user-friendly message codes that guide meter operation

Advanced power-supply management

Meter measures over 1200 samples with a single set of batteries, delivering quick stable results in less than six seconds. Also, features auto-off function.

Sturdy carrying case with accessories

Compact carrying case includes all items necessary for colorimeter measurements and protects the meter when not in use.

Applications

Water Quality Testing: Use to meet EPA testing and reporting requirements.

Pool and Spa: Keep the water in your pool or spa free from contamination without using excessive chlorine.

Sanitizer Test: Check to ensure adequate sanitizer strength in cleaning and maintenance applications.



35645-20



Above: Kit includes foil-packed reagents and protective carrying case

Specifications

Model	C201 colorimeter
Parameter	Free and total chlorine
Range	0 to 1.99 ppm; 2.0 to 6.0 ppm
Resolution	0.01 ppm, 0.1 ppm
Accuracy	±0.02 ppm, ±0.2 ppm

Light source: light emitting diode (LED)

Wavelength: 525 nm

Detector: silicon photodiode

Absorbance range: 0 to 2.5 Abs

Photometric precision: ±0.0015 Abs

Calibration points: user-selectable, one point per colorimetric test

Sample volume required: 10 mL (0.33 oz)

Display: 4-digit, 14-segment, customized LCD with annunciators

Operating temperature range: 0 to 50°C (32 to 122°F)

Operating humidity range: 0 to 90% RH, noncondensing at 30°C (86°F)

Power supply: four AAA alkaline batteries (included)

Battery life: >3000 tests

Electromagnetic compliance: (EMC) EN 61326

Dimensions

Meter: 6.1"L x 2.7"W x 1.8"H (15.5 x 6.8 x 4.6 cm)

Meter with case: 13.8" x 6.3" x 4.7" (35 x 16 x 12 cm)

Weight

Meter: 7 oz (200 g)

Meter with case: 2.75 lb (1.25 kg)

Ordering Information

Catalog number	Description	Included
WD-35645-20	C201 Chlorine colorimeter kit	Meter, foil pack reagents (100 free chlorine tests, 100 total chlorine tests), sample vials, batteries, instructions, and hard carrying case.

Replacement Reagents

WD-35645-64 Free chlorine reagent includes foil pack reagents for 100 tests

WD-35645-66 Total chlorine reagent includes foil pack reagents for 100 tests