



Pocket Colorimeter™ II, Chlorine (Free and Total)

Product #: 5870000

USD Price: Contact Hach

Ships within 3 days

Small in size, big on precision and easy operation

The new Pocket Colorimeter™ II Filter Photometer is a true go-anywhere instrument. It's lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring. The instrument has two channels in which measurements can be made. Each channel will accept a user-defined calibration curve. Up to 10 standards can be used to determine the calibration. The curve is generated by a point-to-point straight line segment between each standard used. Linear and non-linear positive or negative slope calibrations can be performed. A calibration curve may also be manually entered from the keypad if a previously determined curve has been made on the Colorimeter. At least two data pairs (concentration and absorbance) are required.

*This product has not been evaluated to test for chlorine and chloramines in medical applications in the United States.

Single Parameter go anywhere portable photometer

Lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring. Measurement can be made in two ranges for a number of important parameters.

USEPA accepted method for drinking water analyses (free and total chlorine) and wastewater analyses (total chlorine only)

The Pocket Colorimeter II is simple enough to use that anyone can obtain reliable results with accuracy comparable to that of a lab instrument.

Factory-Programmed

Each Pocket Colorimeter II Instrument is pre-programmed for one of more than 35 parameters. Many are based on EPA-approved methods. No manual calibration is ever required. Simply zero the instrument with a blank, insert the reacted sample, and read the result.

Waterproof, Lightweight, Rugged

The Pocket Colorimeter II Instrument really can be carried in your pocket! Weighing in at only .23 kg (8.1 oz), the tough, impact-resistant shell protects electronics and optics for years of trouble-free operation. IP67 rating: the Pocket Colorimeter II can remain submerged at 1 meter for 30 minutes and still function properly. And, the instrument is designed to float!

Backlit Display, Data Logging, Recall

Clear readings even under difficult conditions, thanks to lighting and large figures on the display. Record 10 most recent data points along with time of measurement. No more manual record keeping hassles with carrying paper and pen.

Specifications

Absorbance:	0 - 2.5 Abs
Battery Life:	2000 tests * backlight will decrease battery life
Battery Requirements:	4, AAA size alkali cells
Compliance:	European CE mark
Data Logger:	10 measured values + time
Dimensions (H x W x D):	155 mm x 61 mm x 35 mm
Display:	LCD, backlit
Enclosure Rating:	IP67 (excludes battery compartment)
EPA compliant:	Yes
Includes:	PC II, sample cells, manual, carry case. Reagents included: 100 tests each for low range or 50 tests each for high range.
Instrument:	Kit includes PC II

Interface:	rubber keys
Method:	8021 (F), 8167 (T)
Method Name:	Colorimeter/DPD
Number of tests:	50 - 100
Operating Humidity:	max. 90 % relative humidity (non-condensing)
Operating Mode:	Hach vial tests for water analysis
Operating Temperature:	10 to 40 °C
Parameter:	Chlorine, low range - as free & total Cl ₂
Photometric Measuring Range:	0 to 2 Abs
Power supply:	4, AAA size alkaline cells
Range:	to F&T Cl ₂
Range 2:	0.1 to 8.0 mg/L Cl ₂
Sample Cell Compatibility:	1 inch round / 13 mm round /1cm square (with optional adapter)
Sample Cell Path Length:	1 inch round (25,4 mm) and 10mm square with adapter
Smallest Increment Steps:	0.01 0.1
Spectral Bandwidth:	15 nm filter bandwidth
User Interface:	Numeric
Warranty:	2 years
Wavelength:	Fixed wavelength varies with model
Wavelength Accuracy:	Fixed wavelength \pm 2 nm varies with model
Wavelength Range:	varies with model
Wavelength Selection:	Fixed wavelength
Weight:	0.51 lbs. (0.23 kg)

What's in the box?

Two Ranges: LR-0.02 to 2.00 mg/L and HR-0.1 to 8.0 mg/L as Cl₂. Reagents included: 100 tests each for low range, or, 50 tests each for high range. Each Pocket Colorimeter II Instrument comes complete as a ready-to-use kit that includes a reagent set (pre-measured unit dose reagents), sturdy custom carrying case, and manual.