

ULTRA™ EZ

SUPERIOR HANDHELD COLORIMETER SERIES EZ-C
WATER SOLUTIONS



ULTRA EZ-C PRODUCT DATA

GENERAL DESCRIPTION

SUPERIOR® ULTRA Series EZ-C Handheld Colorimeter from the company you trust.

The best portable, travel friendly, chlorine colorimeter. Determine your Free chlorine or Total chlorine residuals in the field, in the lab, or at any sampling point in your water treatment path. ULTRA EZ is waterproof, dust proof, and ready to go. This unit is **tough!**

Made and tested under strict QC processes, units are field and customer proven accurate and simple to operate, plus, the SUPERIOR ULTRA EZ price is budget friendly. A custom design, made for tough conditions. Our IP67 rating stays true, even with the testing chamber open. ULTRA EZ quality specifications and exclusive features ensure longevity to the units and protect electronics and sensors against corrosive gases or humidity. Your unit is also safe from accidental spills on the sample chamber, and yes, ULTRA EZ floats.



ULTRA EZ-C What's Included:

- (1) ULTRA EZ-C handheld chlorine colorimeter
- (50) DPD powder packets for Free Chlorine
- (50) DPD powder packets for Total Chlorine
- (3) Cuvettes, 10ml
- (1) USB cable
- (1) Microfiber polishing cloth
- (1) Carrying case, custom fitted with compact foam precut for each component
- O&M Manual and Quickstart Guide**
- Calibration certificate**

Multidetector optical system compensates for color in the sample, light fluctuation, and stray light, enabling precise readings even in field applications. Easy open SUPERIOR™ ULTRA EZ DPD powder packets can also be used in Hach and other corresponding 10 ml sample photometers, without calibration. What a savings! (Chemical Injection Technologies, Inc., has not sought or received the approval or endorsement of this compatibility claim from Hach.) Data transfer is easy with no special module or cable required. Just connect the included USB cable to a computer equipped with terminal emulation software and access stored data. ULTRA EZ stores up to 2000 data points! EPA APPROVED testing methods and sample size, (CFR141.131), make ULTRA EZ ideal for regulatory monitoring of water, wastewater, industrial process applications, sanitizing, food, potable water, swimming pools, or for environmental analysis. Also use ULTRA EZ to check other instrumentation. Make photometric precision easy with ULTRA EZ.



Easy To Run A Test:

1. Rinse the sample cell and cap with sample water three times before the sample cell is filled. Fill the sample cell to the 10 ml line. Close the cap tightly to prevent leakage.
2. Insert the sample cell into the sample holder. Make sure to align the sample cell mark with the arrow in the instrument housing, so that the results are more precise and repeatable.
3. Close the lid.
4. Press "READ". The meter will take a reading.
5. Press and hold "READ". The display will inform, that the blank is being saved.
6. Open the meter lid and remove the sample cell.
7. Add reagent as specified (Free chlorine or Total chlorine reagent). Close the cell and gently mix the sample + reagent for specified time (Free chlorine reagent = 60 seconds, Total chlorine = 3 minutes).
8. Insert the developed sample cell in the sample holder. Make sure to align the cell's mark with the arrow in the instrument's housing, so results are more repeatable and precise.
9. Press "READ". The display will show the results in concentration units or in absorbance. (To see both concentration units and absorbance, press "▼".)
10. Remove prepared sample from the cell holder.
11. Immediately empty and rinse the sample cell and cap to prevent staining the sample cell. (Staining is not always easily visible.)



ULTRA EZ-C Unit Specifications

Measurement Method	Colorimetric Standard Methods (SMEWW -22a edition). Method 4500 -CL-G
Reading Units	mg/L (PPM)
Detector	Silicon Photocell
Measuring Range	0.00 to 5.00 mg/L (PPM) 0.00 to 10.00 mg/L (PPM)
Resolution	0.01 mg/L (PPM)
Absorbance Range	0.000 to 3.000 A
Display	LCD 2 lines / 16 characters
Data Logger	Up to 2000 data points
Power Supply	4 AA batteries or USB power supply cable
Indicator	Low battery indicator / battery exchange
Serial Output	USB
Enclosure Rating	IP-67, dustproof and waterproof
Storage Conditions	32°F to 104°F (0°C to 40°C) - instrument only
Size	4.5" x 7.8" x 3.27" (114mm x 198mm x 83mm)

SUPERIOR™ ULTRA EZ DPD reagent powder packets are easy to carry, easy to open, and easy to use.

Easy, premeasured DPD powder packets provide easy dosing and high quality top photometric precision for results you can count on.

Each unit comes with 100 DPD reagent powder packets, (50 Free chlorine DPD, 50 Total chlorine DPD) with additional packets sold in sets of 100.

The highest quality handheld colorimeter and DPD powder packets at the best price.

ULTRA EZ-C DPD Powder Packet Specifications

Parameter	Free Chlorine	Total Chlorine
Description	DPD Reagent Powder Packet	
Printed information	Code, Expiration Date, Parameter	
Operation	Ready to use	
Sample volume	10 ml	
Method	DPD	
Packing	100	
Shelf life	5 years	
Storage	50°F to 77°F (10°C to 25°C)	
Direct Compatibility	Corresponding photometers that use 10ml samples & DPD reagent (No calibration required)	

Parameter	Range	Resolution	Accuracy	Method	Light Source
Chlorine	0,00 – 5,00 mg/L Cl ₂ 0,00 – 10,0 mg/L Cl ₂	0.01 mg/L	± 3%	SMEWW 4500-Cl G	LED

**SUPERIOR™ products are proudly made by Chemical Injection Technologies, Inc.
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ULTRA
EZ

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SUPERIOR

▲ MENU SAVE
▼ READ OFF

Chlorine Color