

## COLORIMETER POCKET ANALYSIS SYSTEM

**MANUFACTURER: HACH COMPANY**

**Manufacturer Model# 58700-12**

**Manufacturer's PHONE: (970) 669-3050 FAX: (970) 962-6739**

**Manufacturer's Website: <<http://www.hach.com>>**

### Item Web Link:

<http://www.hach.com/hc/search.product.details.invoker/PackagingCode=5870012/NewLinkLabel=Chlorine+%28Free+%26+Total%29%2C+and+pH%2C+Pocket+Colorimeter+II+Test+Kit/SESSIONID|Bk13T1RFMU5UWTVOU1puZFdWemRFbFhVMVpITVE9PUJqSTBPVA==|>>

**AAC 'L' ITEM NSN 6630-01-493-1758**

**UAs: 218B**

**USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301**

**UNIT PRICE: \$546.27**

**System Description:** The new Pocket Colorimeter(TM) II Filter Photometer is a true go-anywhere instrument, lightweight and battery operated, suitable for extended field work or quick, on-the-spot process monitoring.

The Pocket Colorimeter II allows user calibrations, giving you the ability to create your own calibration curve, or to perform a standard adjust. 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.

### Features:

- Waterproof, Lightweight, Economical  
The Pocket Colorimeter II Instrument really can be carried in your pocket! Weighing in at only .23 kg (8.1 oz), it even floats if accidentally dropped in water.
- Accurate, Reproducible Measurements  
Despite accuracy comparable to a lab instrument, the low-cost Pocket Colorimeter II is simple enough to use that anyone can obtain reliable results.
- 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.
- Improved Optics  
A long-lasting LED light source allows expanded ranges for ammonia, chlorine, chromium, copper, iron, and molybdenum, reducing the need for dilutions.
- Pocket Colorimeter II Analysis System containing DPD Chlorine and colorimetric Phenol Red pH
- Ranges: 0.1 to 10.0 mg/L as Cl<sub>2</sub> and 6.0 to 8.5 pH
- Reagent set (100 tests free chlorine, 100 tests total chlorine, 100 tests pH)
- Includes manual and carrying case
- Replaces PN 4670012 - Chlorine and pH Pocket Colorimeter and PN 4110022 - DR/100 Chlorine/pH
- Not recommended for reporting drinking water results to regulatory agency.
- See product number: 5870000, Chlorine (Free & Total), Pocket Colorimeter II Test Kit for low range residual chlorine. USEPA approved/accepted for drinking water



**COLORIMETER POCKET ANALYSIS SYSTEM**  
**PART # 58700-12**  
**NSN 6630014931758**



**POCKET COLORIMETER**  
**PART # 5870000**

**COLORIMETER POCKET ANALYSIS SYSTEM  
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>2.45</b>
	<b>Width (Inches)</b>	<b>1.4</b>
	<b>Length (Inches)</b>	<b>6.2</b>
	<b>Cube (Cubic Feet)</b>	<b>0.0123</b>
	<b>Weight</b>	<b>0.5 lb</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	<b>0</b>
	<b>Width (Inches)</b>	<b>0</b>
	<b>Length (Inches)</b>	<b>0</b>
	<b>Cube (Cubic Feet)</b>	<b>0</b>
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		<b>32 to 122 °F</b>
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		<b>0 to 90%</b>
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>4 AAA batteries - Approximately 2000 tests</b>	
<b>Notes</b>	<b>Lamp:</b> Light Emitting Diode (LED) <b>Detector:</b> Silicon Photocell <b>Wavelength:</b> Fixed wavelength $\pm$ 2nm <b>Filter Bandwidth:</b> 15 nm <b>Absorbance Range:</b> 0 to 2.5 Abs <b>Sample Cell Pathlength:</b> 1 cm and 22 mm <b>Display:</b> Liquid Crystal Display (LCD) <b>Enclosure:</b> IP67, waterproof at 1 m for 30 minutes	

**COLORIMETER POCKET ANALYSIS SYSTEM  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Hach Company	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6630014931758		Colorimeter Pocket Analysis System	58700-12		1	EA	\$546.27	\$546.27	N/A
6550014568981		Chlorine Free Test Reagent DPD Powder Pillows 10mL 100s	21055-69		1	100/PG	Incl w/NSN 1758	Incl w/NSN 1758	48
6550014607597		Chlorine Total Test Reagent DPD Powder Pillows 10mL 100s	21056-69		1	100/PG	Incl w/NSN 1758	Incl w/NSN 1758	60
7610015437003	<a href="#">Download Below</a>	Literature Operature	59570-88		1	EA	Incl w/NSN 1758	Incl w/NSN 1758	N/A

**COLORIMETER POCKET ANALYSIS SYSTEM**  
**WEB LINKS**

**[Click Below for Data Sheet](#)**

**<http://www.hach.com/asset-get.download-en.jsa?id=7639982047>**

**[Click Below for Instruction Manual](#)**

**<http://www.hach.com/asset-get.download-en.jsa?id=7639982420>**

**COLORIMETER POCKET ANALYSIS SYSTEM**  
**ITEM TABLES**

**Parameter/Range/Reagent Information**

Test	Method	Range	EDL
Chlorine, Free	DPD, Method 10069	0.1 to 10.0 mg/L CL <sub>2</sub>	0.1 mg/L CL <sub>2</sub>
Chlorine, Total	DPD, Method 10070	0.1 to 10.0 mg/L CL <sub>2</sub>	0.1 mg/L CL <sub>2</sub>
pH	Colorimetric pH determination using Phenol Red, Method 10076	6.0 to 8.5 pH units	6.0 pH units