

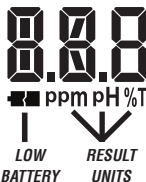
# METER OVERVIEW

We developed the revolutionary Spa eXact® EZ photometer to easily maintain spa water quality. It uses state of the art technology to produce lab-quality results on-site. The Spa eXact® EZ photometer is waterproof (IP-67) and has a built-in sample cell to enhance usability.

## SAMPLE CELL

Built-in plastic 4ml cell for collecting your water sample

## LCD DISPLAY



## LCD DISPLAY

Displays results and test name

## READ BUTTON

Starts test timer

## MENU BUTTON

Cycles through test menus

## ZERO/ON BUTTON

Turns the meter on and creates a baseline for your water testing

## BASE

Install/replace batteries here (IP67 rated waterproof)

## CELL COVER

Covers the cell for mixing and bright light situations

All tests have been calibrated at 100°F / 38°C

## Spa eXact® EZ Photometer Specifications

No.	PARAMETER/TEST	PART #	RANGE (ppm)	RESOLUTION	BEST <sup>1</sup> ACCURACY %
	eXact Spa Water Refill Kit	486212	N/A	N/A	N/A
1	Bromine, Total	486636	0.08 - 17	0.01( 0 - 2.0); 0.1 (2.1-17 ppm)	7.5
2	Alkalinity, Total	486641	11 - 200	1	5.5
3	Calcium (as CaCO <sub>3</sub> )	486629	19 - 550	1	5
4	Chlorine, Free (DPD-1)	486637	0.05 - 12	0.01( 0 - 2.99); 0.1 (3 - 12)	5
5	Chlorine, Combined (DPD-3)*	486638	0.05 - 12	0.01( 0 - 2.99); 0.1 (3 - 12)	5
6	Chlorine, Total (DPD-4)	486670	0.05 - 12	0.01( 0 - 2.99); 0.1 (3 - 12)	8
7	pH	486639-II	6.0 - 8.5 pH	0.1	5

**STANDARD STRIP METHOD**

This method can be used with the following tests:

Total Alkalinity

Free Chlorine (DPD-1)

pH

Total Bromine

Calcium Hardness (20 sec count-up)

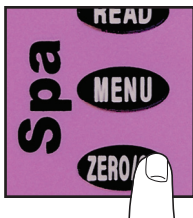
1

Remove one eXact® Strip Micro (e.g. Free Chlorine / DPD-1) from the bottle or foil packet and set in a dry, convenient place.



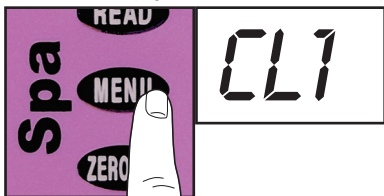
2

Turn meter on by pressing **ZERO/ON**. The display will indicate current MENU, followed by the last test result.



3

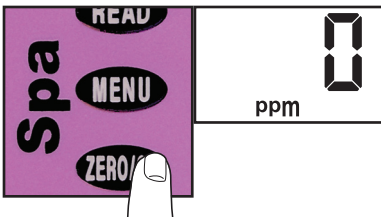
Press and re-press **MENU** until the display shows the parameter to be tested (e.g. CL1 matches CL on bottle).



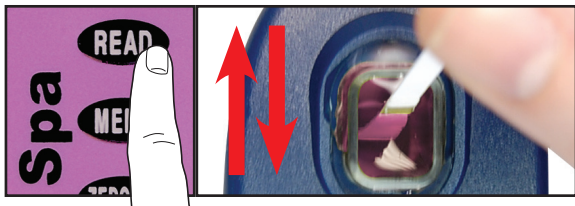
Rinse the sample cell 3 times with the water sample you are testing and **FILL** the built-in sample cell.



Press **ZERO/ON**. The cursor will move across the display followed by 0 PPM or PH.



**DIP** the eXact® Strip Micro into the sample cell and simultaneously press **READ**. This starts the **10 SECOND** countdown timer. During this time move the strip in a gentle back and forth motion (approx. 2 strokes/sec). Remove and discard the strip after "1" on the display disappears.



The cursor will move across the display while the meter prepares to measure the sample. **READ** result displayed. After testing is complete, rinse the sample cell immediately.



**NOTE** If running the Combined Chlorine test, keep the sample in the sample cell.

**COMBINED/TOTAL CHLORINE TEST**

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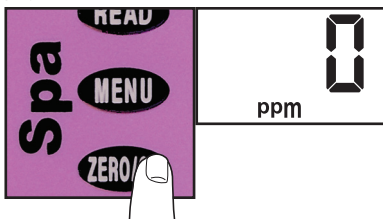
This procedure is a continuation from Standard Strip Method on previous page after running Free Chlorine (DPD-1). **DO NOT DISCARD SAMPLE AFTER FREE CHLORINE TEST.**

Remove one (1) eXact® Strip Micro CL (DPD-3), Part No. 486638 from the bottle or foil packet. Set it in a dry, convenient place.



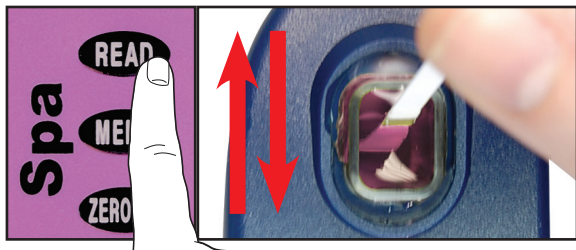
9

With the DPD-1 sample still in the cell, press **ZERO/ON**. The display reads 0 PPM.

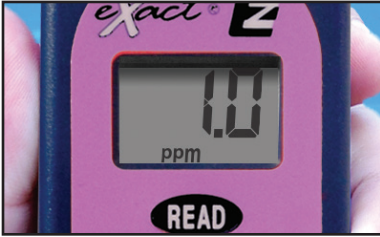


10

**DIP** the eXact® Strip Micro CL (DPD-3) into the CELL and simultaneously press **READ**. This starts another 20 SECOND countdown timer. During this time move the strip in a gentle back and forth motion (approx. 2 strokes/sec). Remove and discard the strip after "1" on the display disappears.

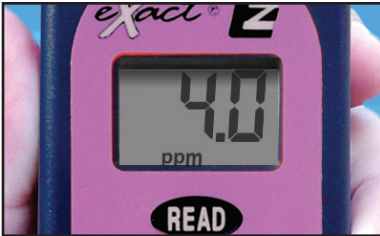


The cursor will move across the display while the meter measures the sample. **READ** the Combined Chlorine value displayed.



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If you require a value for Total Chlorine, press **READ** again and record result displayed. After testing is complete, rinse the sample cell immediately.



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