

# METER OVERVIEW

We developed the revolutionary Chlorine eXact® EZ photometer to easily maintain water quality. It uses state of the art technology to produce lab-quality results. The Chlorine 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



ppm

LOW  
BATTERY

RESULT  
UNITS



## 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

**PART NUMBER #486204**

## Chlorine eXact® EZ Photometer Specifications

Menu	Tests for	Range	Resolution	Best <sup>1</sup> Accuracy (±%)
CLF	Free and Combined Chlorine	0.05 - 12 ppm	0.01 (0-2.99)	5 (0-5.9 ppm)
			0.1 (3.0-5.9)	12 (6-12 ppm)
			1 (6-12)	
CLt	Total Chlorine	0.05 - 12 ppm	0.01 (0-2.99)	5 (0-5.9 ppm)
			0.1 (3.0-5.9)	12 (6-12 ppm)
			1 (6-12)	
CLH	Total Chlorine, High Range	1 - 260 ppm	0.1 (0-20.0)	10 (0-50 ppm)
			1 (21-260)	8 (51-260 ppm)
Cd	Chlorine Dioxide	0.04 - 15 ppm	0.01 (0-1.99)	5
			0.1 (2.0-15)	

R100814

<sup>1</sup> Value provided represents best possible accuracy under laboratory conditions, but may vary throughout the detection range.

# FREE CHLORINE

## 1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro CL DPD-1, Part No. 486637, from the bottle or foil packet and set in a dry, convenient place.



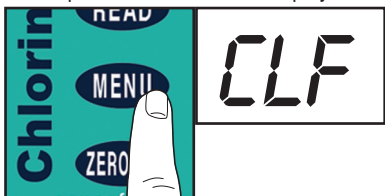
## 2 TURN METER ON

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



## 3 SELECT TEST

Press and re-press MENU until the display shows CLF.



## 4 RINSE AND FILL SAMPLE CELL

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

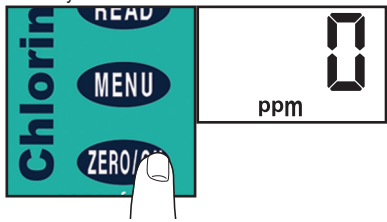


# FREE CHLORINE

## ZERO METER\*

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

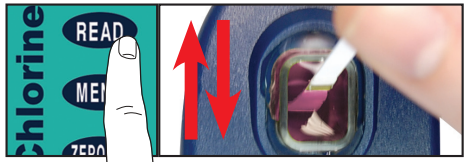
5



## DIP STRIP AND PRESS READ\*

DIP the eXact® Strip Micro into the sample cell and simultaneously press READ. This starts the 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.

6



## READ EXACT RESULT

The cursor will move across the display while the meter prepares to measure the sample. **READ** result displayed. Rinse the cell immediately.

7



NOTE: DO NOT discard the sample from the Free Chlorine test if planning to run Combined Chlorine test. Move directly to steps 8-11 on pages 6-7.

\*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

# COMBINED CHLORINE

8

This procedure is a continuation from Free Chlorine Test Method on previous page. **DO NOT DISCARD SAMPLE FROM FREE CHLORINE TEST.**

## REMOVE REAGENT STRIP

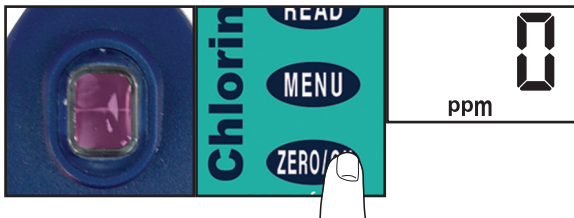
Remove one (1) eXact® Strip Micro CL (DPD-3), Part No. 486638 from the bottle or foil packet. Set it in a dry, convenient place.



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## ZERO METER\*

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

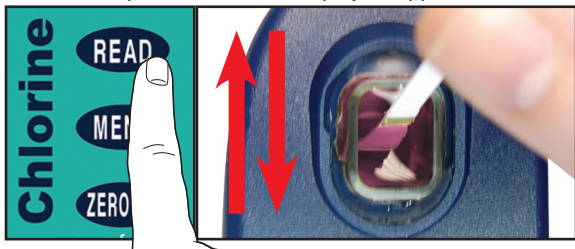


# COMBINED CHLORINE

## DIP STRIP AND PRESS READ\*

**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.

10



## READ EXACT RESULT

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

11



\*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

# TOTAL CHLORINE

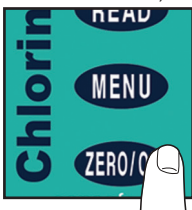
## 1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro CL DPD-4, Part No. 486670, from the bottle or foil packet and set in a dry, convenient place.



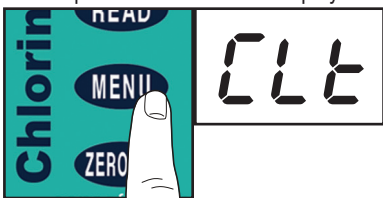
## 2 TURN METER ON

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



## 3 SELECT TEST

Press and re-press MENU until the display shows CL.



## 4 RINSE AND FILL SAMPLE CELL

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

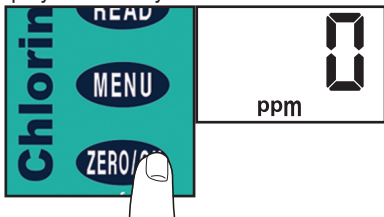


# TOTAL CHLORINE

## ZERO METER\*

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

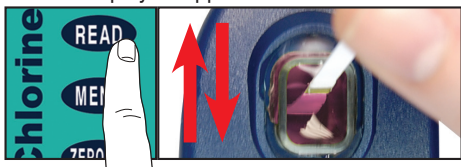
5



## DIP STRIP AND PRESS READ\*

DIP the eXact® Strip Micro into the sample cell and simultaneously press READ. This starts the 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.

6



## COUNT-UP AND READ EXACT RESULT

The meter will automatically start to count up for 120 seconds.† 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.

7



\*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

† To bypass the 120 second count up for immediate results, press READ again. These results are not reportable.

# TOTAL CHLORINE HIGH

## 1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro CLH, Part No. 486672, from the bottle or foil packet and set in a dry, convenient place.



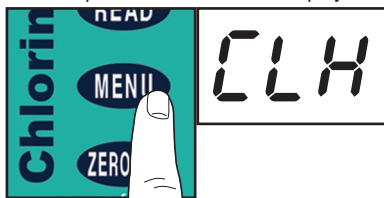
## 2 TURN METER ON

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



## 3 SELECT TEST

Press and re-press MENU until the display shows CLH.



## 4 RINSE AND FILL SAMPLE CELL

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



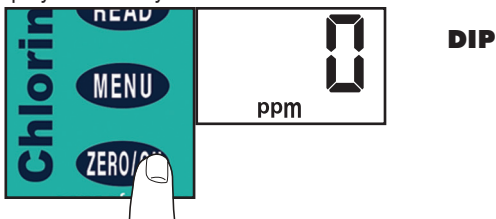


# TOTAL CHLORINE HIGH

## ZERO METER\*

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

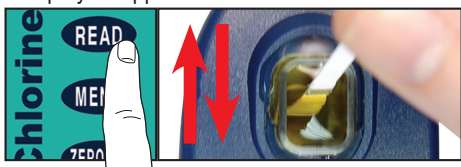
# 5



## STRIP AND PRESS READ\*

**DIP** the eXact® Strip Micro into the sample cell and simultaneously press READ. This starts the 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.

# 6



## COUNT-UP AND READ EXACT RESULT

The meter will automatically start to count up for 120 seconds. This count up is required for the reaction. 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.

# 7



\*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

# CHLORINE DIOXIDE

## REMOVE REAGENT STRIPS

1

Remove one eXact® Strip Micro Glycine and one eXact® Strip Micro Cd from their bottles and set in a dry, convenient place.



## TURN METER ON

2

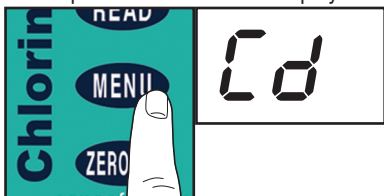
Turn meter on by pressing ZERO/ON. The display will indicate current MENU, followed by the last test result.



## SELECT TEST

3

Press and re-press MENU until the display shows Cd.



## RINSE AND FILL SAMPLE CELL

4

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



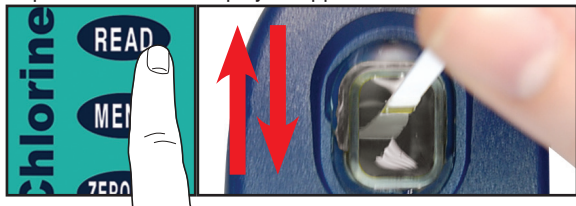
\*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

# CHLORINE DIOXIDE

## DIP STRIP AND PRESS READ\*

**DIP** the eXact® Strip Micro Glycine into the sample cell and simultaneously press **READ** (glycine removes any chlorine interference). This starts the 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.

5



## ZERO METER\*

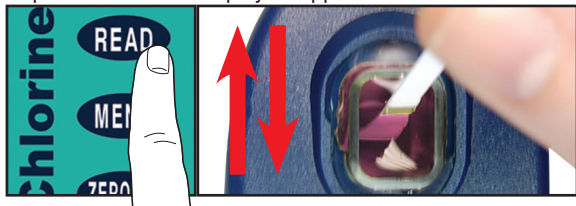
Press **ZERO/ON**. The cursor will move across the display followed by 0 PPM.

## DIP STRIP AND PRESS READ\*

**DIP** the eXact® Strip Micro Cd into the sample 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.

6

7



## READ EXACT RESULT

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.

8

