

METER OVERVIEW

We developed the revolutionary Well eXact® EZ photometer to easily maintain water quality. It uses state of the art technology to produce lab-quality results. The Well 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 #486203

Well eXact® EZ Photometer Specifications

Menu	Tests for	Range (ppm)	Resolution	Best ¹ Accuracy (±%)
PH1	pH	6.3 - 8.5 pH	0.1	0.2 pH
FE2	Iron, Total	0.03 - 8.0	0.01 (0-2.59)	8
			0.1 (2.6-8.0)	
NO3	Nitrate	0.25 - 32	0.01 (0-2.59)	15
			0.1 (2.6-10) 1 (11-32)	
AL4	Alkalinity, Total	11 - 200	1	7.5
TH5	Hardness, Total High	60 - 600	1	12

R121114

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

PH

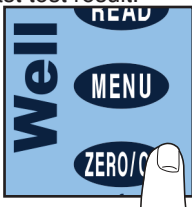
1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro PH II, Part No. 486639-II, from the bottle or foil packet and set in a dry, convenient place.



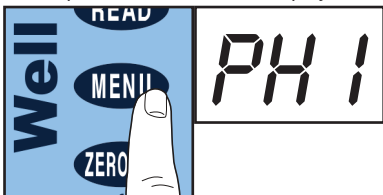
2 TURN METER ON

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 PH1.



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.

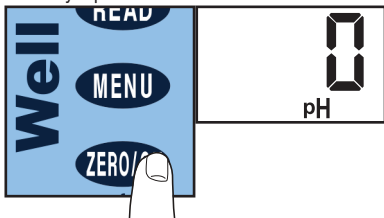


PH

ZERO METER*

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

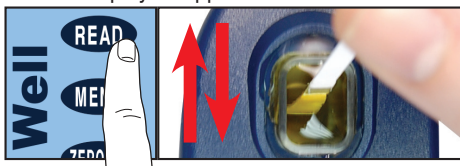
5



DIP STRIP AND PRESS READ*

DIP the eXact® Strip Micro PH II 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

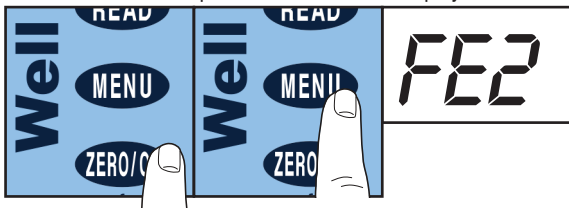


*To obtain optimal accuracy when testing outdoors (sunlight), use the cell cover when zeroing and reading the sample.

TOTAL IRON

1 TURN METER ON & SELECT TEST

Turn meter on by pressing ZERO/ON. The display will indicate current MENU, followed by the last test result. Press and re-press MENU until the display shows FE2.



2 RINSE AND FILL SAMPLE CELL

Clean CELL with Distilled Vinegar (5%), or 0.1N HCl before filling the meter with the sample to be tested. If running multiple tests in a row, using the same water sample, the CELL does not have to be rinsed or cleaned with acid between each test. Rinse the sample cell 3 times with the water sample to be tested and **FILL** the built-in sample cell.



3 ADD REDUCER

Tear open one eXact Reagent EZ Open Reducer powder pillow, Part No. 486601. Add contents of powder pillow to the CELL. Make sure entire powder pillow is emptied into the CELL.



4 CAP AND PRESS READ*

Place the cell cover on the CELL. Press READ to start a 20 second countdown. Place thumb over cell cover and turn meter upside-down repeatedly during the 20 seconds. When LCD displays "1", place the meter on a flat surface. The LCD will flash "---" and begin a 40 second count-up. Disregard result displayed after countup and proceed to step 5.



TOTAL IRON

REMOVE REAGENT STRIP

Remove one eXact® Strip Micro FE TPTZ, Part No. 486631, from the bottle or foil packet and set in a dry, convenient place.

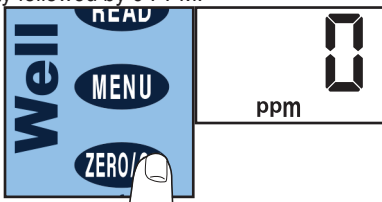
5



ZERO METER*

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

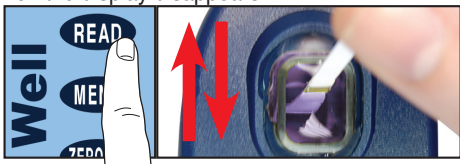
6



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.

7

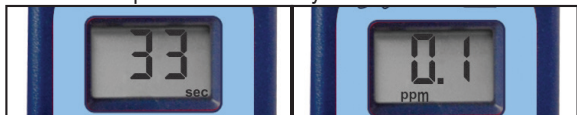


COUNT-UP AND READ EXACT RESULT

The meter will automatically start to count up for 40 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.

8



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

NITRATE

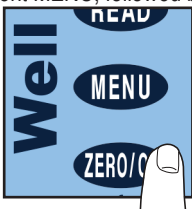
1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro NO₃, Part No. 486655, from the bottle or foil packet and set in a dry, convenient place.



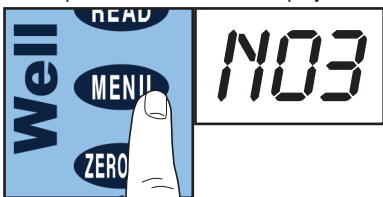
2 TURN METER ON

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 NO₃.



4 RINSE AND FILL SAMPLE CELL

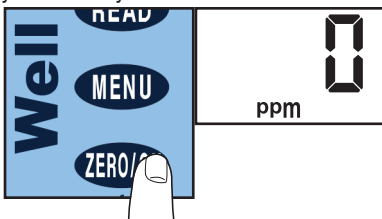
Rinse the sample cell 3 times with the water sample you are testing and **FILL** the built-in sample cell.



NITRATE

ZERO METER*

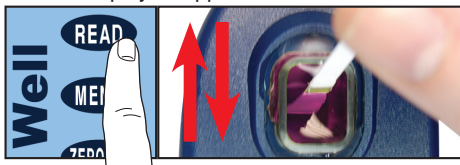
Press ZERO/ON. The cursor will move across the display followed by 0 PPM.



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.

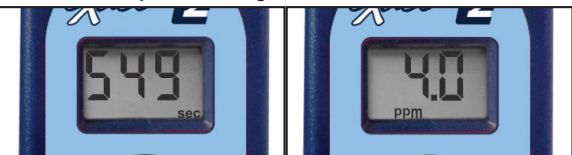


6

COUNT-UP & READ EXACT RESULT

The meter will automatically start to count up for 600 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. **IMPORTANT:** Rinse the sample cell immediately after testing with brush and water.

7



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

TOTAL ALKALINITY

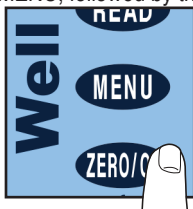
1 REMOVE REAGENT STRIP

Remove one eXact® Strip Micro AL, Part No. 486641, from the bottle or foil packet and set in a dry, convenient place.



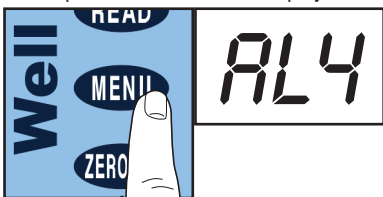
2 TURN METER ON

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 AL4.



4 RINSE AND FILL SAMPLE CELL

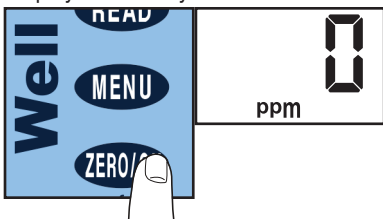
Rinse the sample cell 3 times with the water sample you are testing and **FILL** the built-in sample cell.



TOTAL ALKALINITY

ZERO METER*

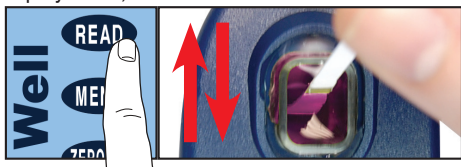
Press ZERO/ON. The cursor will move across the display followed by 0 PPM.



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. **NOTE:** For water temperatures above 35°C (95°F), remove and discard the strip when the timer displays "10", countdown continues.



6

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.



7

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

TOTAL HARDNESS

1

REMOVE REAGENT STRIP

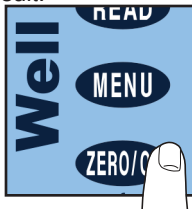
Remove one eXact® Strip Micro THH, Part No. 486656, from the bottle or foil packet and set in a dry, convenient place.



2

TURN METER ON

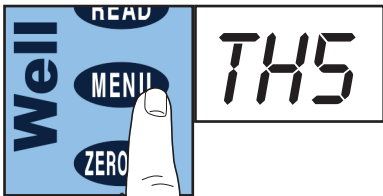
Turn meter on by pressing ZERO/ON. The display will indicate current MENU, followed by the last test result.



3

SELECT TEST

Press and re-press MENU until the display shows TH5.



4

RINSE AND FILL SAMPLE CELL

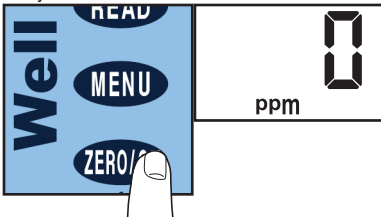
Rinse the sample cell 3 times with the water sample you are testing and **FILL** the built-in sample cell.



TOTAL HARDNESS

ZERO METER*

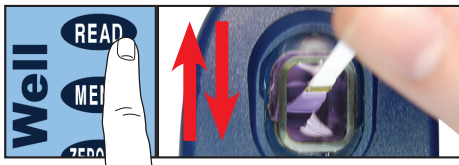
Press ZERO/ON. The cursor will move across the display followed by 0 PPM.



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

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

NOTE: Positive interferences are observed if the test sample contains Barium.

Interferences also observed if the test sample contains Copper, Lead, Cobalt, or Nickel.