

ReadySnap™

Revision 01/24/13
480902 Ready Snap™ 2

2

Method Verification Solution

Instruction Manual

**CAN BE USED WITH THE EXACT® MICRO
PHOTOMETERS* TO VERIFY INSTRUMENT OPERATION**

*This includes models Micro 8, Micro 10, Micro 20, and Eco-Check.



Industrial Test Systems, Inc.

Innovators of Water Quality Testing

Manufactured By: Industrial Test Systems, Inc.
1875 Langston Street, Rock Hill, SC 29730 USA
Phone: 1-800-861-9712 - *INSIDE THE U.S.*
1-803-329-9712 - *OUTSIDE THE U.S.*
Fax: 1-803-329-9743

ITS@SENSAFE.COM
WWW.SENSAFE.COM
www.poolcheckonline.com



Follow the procedure below for the test you are running. If you get the acceptable result using the Ready Snap™ solution, then you can be confident that the reagent, you, and the photometer are working as a **SYSTEM correctly**



1. Turn on the eXact® Micro 10 (M10) Photometer, rinse CELL three times with clean water, and empty CELL.



2. Break open one Ready Snap™ 1 Method Verification Solution in a safe manner with a paper towel as shown (see *Images 1 and 2*).
NOTE: Do not break open at poolside or around children or pets.
DO NOT CONSUME SOLUTION.



3. Take plastic pipette supplied, squeeze bulb with finger and thumb to expel air, and dip pipette tip to the bottom of ampoule and release squeezed bulb slowly to fill pipette (see *Image 3*). Transfer filled pipette liquid to M10 CELL (see *Image 4*).



4

4. Discard this first liquid sample followed with a quick shake of the meter to empty the CELL of the remaining water drops.

5. Repeat Step 3 and fill the CELL to 4ml capacity (see image 4).

6. Select the MENU for the test method procedure you want verified.



5

7. Run the test method as you do normally using the correct procedure (see Image 5 and refer to photometer manual).

8. Verify the display value against the Assigned Value Chart provided on back of this sheet.

9. If your value is within the Acceptable range, then you are operating the eXact® Micro 10 (M10) Photometer correctly for this MENU test method.

10. If your value is borderline, review the Instruction Manual and the proper procedure. Repeat the test again from Step 1 through Step 9.

Assigned Values for READY SNAP 1 (lot 513) solution:

| Menu Item | Parameter Test | Desired Value | Acceptable Value | Borderline Value |
|-----------|---------------------------------|---------------|------------------|------------------|
| AL1 | (TOTAL ALKALINITY) | 149PPM | 140-160 | 130-170 |
| PH2 | (PH) | 7.5 | 7.3-7.7 | 7.2-7.8 |
| CL3 | (FREE CHLORINE) | <0.10 | - | - |
| PO4 | (PHOSPHATE) | 1.00PPM | 0.80-1.20 | 0.70-1.30 |
| CA5 | (CALCIUM as CaCO3) | 58PPM | 40-80 | 30-90 |
| TH5 | (Total Hardness as CaCO3) | 130PPM | 110-150 | 100-160 |
| CH6 | (Chloride as NaCl) | 91PPM | 70-110 | 60-120 |
| CY7 | (CYANURIC ACID) | 88PPM | 35-60 | 28-68 |
| CU | (COPPER as Cu+2) | <0.05 PPM | 0.30-0.42 | 0.28-0.48 |
| NH4 | (Ammonia) | 25.0 PPM | - | - |
| NH4 | (Ammonia) | 25.0 PPM | 18.0-29.0 | 13.0-34 |
| NO3 | (NITRATE) | 0.25PPM | - | - |
| Mn7 | (all +2 Metals Mn, Cu, Zn, etc) | 0.08PPM | - | - |
| Mn7 | as Manganese | 0.18PPM | 0.14-0.23 | 0.12-0.24 |
| AL3 | (Aluminum) | 0.17PPM | 0.13-0.22 | 0.11-0.23 |
| CR6 | (Chromium VI) | 0.31PPM | - | - |
| F | (Fluoride) | 50PPM | 35-65 | 30-70 |
| SO4 | (Sulfate) | 50PPM | - | - |

6

NOTE:
CA5 test
verified
result
was 56

If you continue failing to obtain the acceptable value, retry Step 1 to Step 9 or call (803) 329-9712 ext 200 for technical support.

Assigned Value Chart for READY SNAP™ 2 (lot 514) Solution:

| Menu Item | Parameter Test | Desired Value | Acceptable Value | Borderline Value |
|-----------|--|---------------|------------------|------------------|
| AS | Arsenic Quick™ (1/10 dilution) | 12.5 ppb | 10-15 | 8-18 |
| FE2* | Total Iron (Fe ²⁺ /Fe ³⁺) | 0.48 ppm | 0.38-0.58 | 0.33-0.61 |
| PO4* | Phosphate | 0.32 ppm | 0.25-0.39 | 0.22-0.42 |
| NH3* | Ammonia | 0.88 ppm | 0.78-0.98 | 0.68-1.08 |
| NO3 | Nitrate | 6 ppm | 5-7 | 4-8 |
| MN7 | Manganese | 0.17 ppm | 0.13-0.21 | 0.11-0.23 |

R012413

NOTE: Values reflect current concentrations as found at time of manufacture.

*These tests are available as Direct Read Parameters in the M8 Photometer.

All values are available as direct read parameters in M20 Photometer except Arsenic (As).

For Arsenic calibration see the chart below.

| PRODUCT NAME (PART NUMBER) | VOLUME OF READY SNAP | TEST KIT VOLUME* | DESIRED VALUE | ACCEPTABLE VALUE | BORDERLINE VALUE |
|--|-------------------------|---------------------|------------------|---------------------|---------------------|
| Arsenic Quick™ Kit (481396) (Can also be used for soil analysis.) | 10mL | 50mL | 25ppb | 22-28 | 20-30 |
| Arsenic Econo Quick™ (481298) | 10mL | 100mL | 12.5ppb | 10-15 | 8-18 |
| Arsenic Low Range Quick™ (481297-I) | 10mL | 200mL | 6.25ppb | 5-7.5 | 2.5-10 |
| Arsenic Quick™ II (481303) | 10mL | 100mL | 12.5ppb | 10-15 | 8-18 |
| Arsenic Low Range Quick™ II (481301) | 10mL | 250mL | 5.0ppb | 4-6 | 3-7 |
| Arsenic Ultra-Low Quick™ II (481300) | 10mL | 500mL | 2.5ppb | 2-4 | 1-5 |

*Add Arsenic free water to test bottle to final test kit volume.

Contact Information

For US Inquiries and Re-Orders:

Industrial Test Systems, Inc.

1875 Langston Street, Rock Hill, SC 29730 USA

Phone: 1-800-861-9712 - *INSIDE THE U.S.*

1-803-329-9712 - *OUTSIDE THE U.S.* Fax: 1-803-329-9743



ITS@SENSAFE.COM

www.poolcheckonline.com

WWW.SENSAFE.COM



Industrial Test Systems, Inc.

Innovators of Water Quality Testing

For European & Middle East Inquiries and Re-Orders:

ITS Europe, LTD

The UK Centre for Homeland Security - Building 7, Chilmark

Salisbury, Wiltshire SP3 5DU, United Kingdom

Tel: +44 (0)1722 717911 Fax: +44 (0) 1722 717941

SALES@SENSAFE.COM

www.poolcheckonline.com

WWW.ITSEUROPE.CO.UK



ITS Europe, Ltd.

Innovators of Water Quality Testing