

570 AMMONIA TEST PROCEDURE



The 570 Ammonia test procedure utilizes eXact® Strip Micro and eXact® Reagent to accurately achieve an Ammonia reading with the eXact iDip® 570 Smart Photometer System®. For tips on achieving best accuracy, and additional information regarding features of the eXact iDip® 570 photometer and the eXact iDip® app, please refer to the eXact iDip® Smart Guide. You can download a copy on our website at exactidip.com. **Test procedures can vary from test to test. Read full instructions and watch instructional video within the app.**

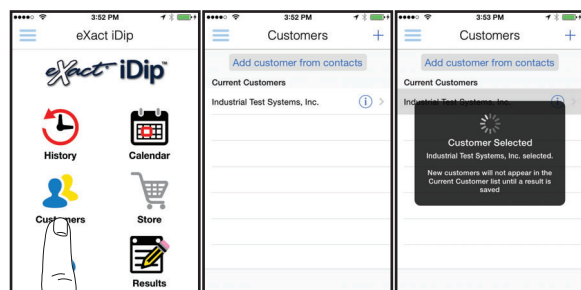
YOU WILL NEED

- eXact iDip® 570 photometer
- Your smartphone/tablet with the eXact iDip® app installed and 570 Ammonia NH test purchased in the Store
- 1 eXact® Strip Micro NH (Part No. 486654-B)
- 3 drops (for fresh water) or 10 drops (for marine water) eXact® Reagent NH (Part No. 486654-A)
- Water sample for rinsing and testing

1 SELECT CUSTOMER

- Select **'Customers'** from the Home screen.
- Choose customer from list
OR Tap **'Add customer from contacts'** and choose customer from your contacts list
OR Tap **'+'** to create a new customer
- Android users: If no address is found, tap "No addresses found"
- Verify customer has been selected

Note: To take full advantage of the GPS and Data Storage features, each test result must be linked to a contact. Individual users may select their contact listing.



a

b

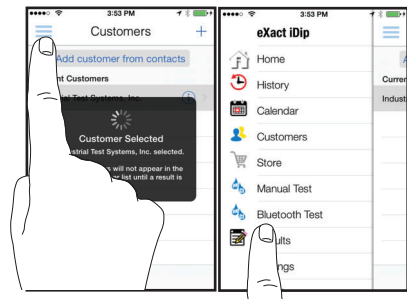
c

2 POWER ON EXACT IDIP® 570

Press the **ZERO/ON** button to power on the eXact iDip® 570 photometer.

3 SELECT BLUETOOTH TEST

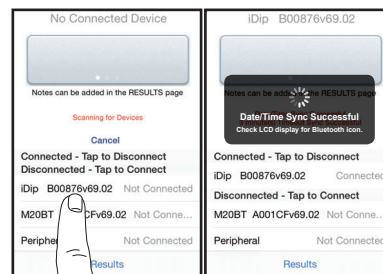
Tap the menu slide out **'≡'** and select **'Bluetooth Test'** from the choices shown.



4 CONNECT EXACT IDIP® 570

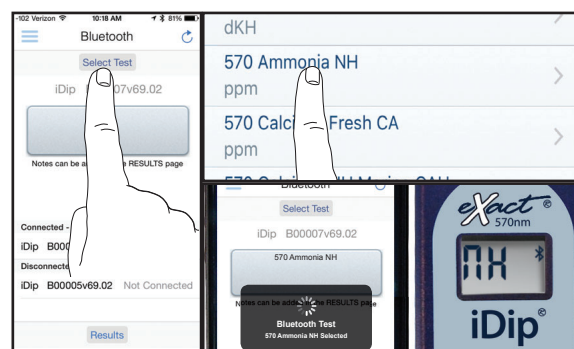
The eXact iDip® app will automatically connect to the most recently used eXact iDip® 570 photometer. If not, select your eXact iDip® 570 from the bottom of the screen.

Note: Always connect your eXact iDip® photometer via the Bluetooth® connection within the app. If you experience an issue connecting your device, check that your smartphone/tablet's Bluetooth® is turned on and your device is compatible.



5 SELECT TEST

Tap **'SELECT Test'** at the top and select **570 Ammonia NH** (if this is not visible, purchase the test from the Store). The eXact iDip® 570 photometer and eXact iDip® app will both display the test selection for Ammonia.



6 FILL CELL

Before testing, rinse CELL and clean with brush thoroughly. Finally, rinse the cell 3 times with the water sample to be tested, then **FILL** cell to capacity to begin test (refer to video in app). Tilt meter to remove about 0.2mL of sample to leave room for liquid reagent.



7 SHAKE REAGENT

Shake the bottle of eXact® Reagent NH.

8 ADD DROPS

Add **drops (3 for fresh water or 10 for marine water)** of eXact® Reagent NH (Part No. 486654-A). Ensure the reagent bottle remains vertical while adding drops.



9 COVER & MIX

Place the Cell Cover onto the CELL. Turn the meter **upside-down** and shake the meter up and down three times to mix the sample.



10 ZERO METER

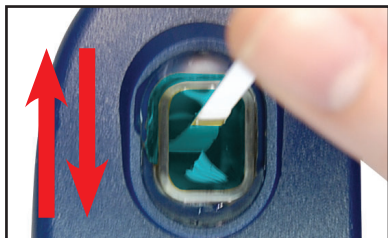
Press **ZERO/ON** and the eXact iDip® photometer display reads 0PPM indicating the meter is ready for testing.



11 DIP STRIP

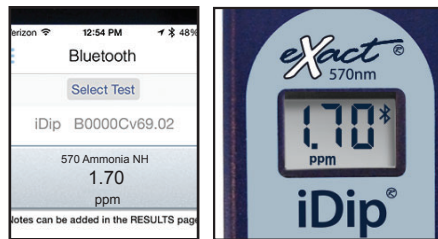
Gently remove the Cell Cover. Press **READ** to initiate a 20 second countdown and simultaneously **DIP** the eXact® strip in the sample, gently touching the bottom of the cell. Use a gentle constant back and forth motion (2 strokes per second) until the timer displays "1". Remove and discard the strip.

The eXact iDip® 570 photometer will now display a 500 second count-up timer. Make sure your smart device does not go to sleep.



12 CAP CELL AND READ RESULTS

Place the Cell Cover onto the CELL and **READ** result displayed as Ammonia (as NH₃).



13 CLEAN CELL WITH BRUSH

After testing, rinse CELL immediately and clean with brush to remove reagents which coat the CELL wall.



TIPS

- Due to the manufacturing process, you may find one or two strips that are noticeably smaller or larger in width than the normal strips in the bottle. These should be discarded. Using these strips may give unreliable results.
- Before running test unlock 570 Ammonia test by purchasing in the Store.
- To obtain optimal accuracy when testing in direct sunlight, use the Cell Cover when zeroing and reading the sample.
- It is recommended to use the Cell Cleaning Brush with water to clean the CELL after each test to remove reagents which coat the CELL wall.
- Be careful while dipping the strip (step 11). Do not spill the sample from the CELL.
- The calibration of the meter is based on a water temperature between 14°C (57°F) and 28°C (82°F). If temperature is below 14°C (57°F), your final Ammonia value may read low.

MANAGE YOUR RESULTS

Save, send, and share results instantly using the eXact iDip® app. For step-by-step instructions, refer to the eXact iDip® Smart Guide. You can download a pdf copy on-line at exactidip.com.



eXact iDip

