

# **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
- 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

#### SELECT CUSTOMER

- a. Select 'Customers' from the Home screen.
- b. Choose customer from list

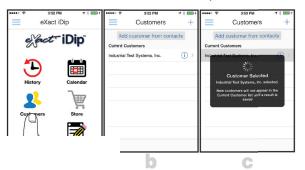
**OR** Tap 'Add customer from contacts' and choose customer from your contacts list

OR Tap '+' to create a new customer

Android users: If no address is found, tap "No addresses found"

c. 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.



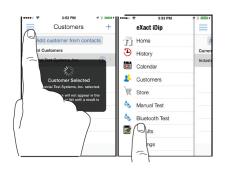
# ZERO/ON

### CT IDIP® 570

to power on the eXact iDip® 570

#### **OOTH TEST**

■ and select 'Bluetooth Test' from the



# 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.





#### **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.



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# 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.



# **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.



p® photometer display reads 0ppm indicating the meter is ready for testing.





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.



# CAP CELL AND READ RESULTS

Place the Cell Cover onto the CELL and **READ** result displayed as Ammonia (as NH<sub>3</sub>).





CLEAN CELL WITH BRUSH
After testing, rinse CELL immediately and clean with brush to



#### **TIPS**

- Due to the strip slitting 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 10). 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.



