

# 570 NITRATE, FRESH TEST PROCEDURE



The 570 Nitrate, Fresh test procedure utilizes the **STANDARD STRIP METHOD** using the eExact iDip® 570 Smart Photometer System®. For tips on achieving best accuracy, and additional information regarding features of the eExact iDip® 570 photometer and the eExact iDip® app, please refer to the eExact iDip® Smart Guide. You can download a copy on our website at [exactidip.com](http://exactidip.com). **Test procedures can vary from test to test. Read full instructions and watch instructional video within the app.**

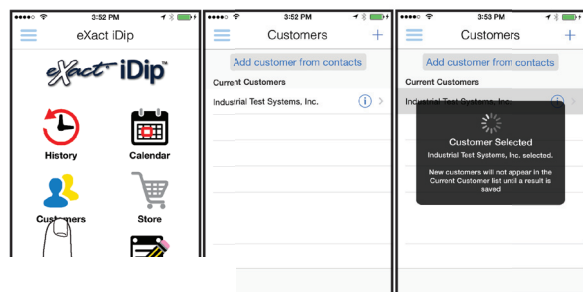
## YOU WILL NEED

- eExact iDip® 570 photometer
- Your smartphone/tablet with the eExact iDip® app installed
- (1) eExact® Strip Micro Nitrate (Part No. 486655)
- 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"
- 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.*



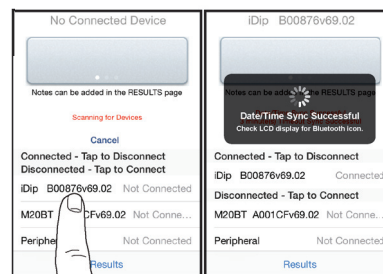
b

c

## 4 CONNECT EXACT IDIP® 570

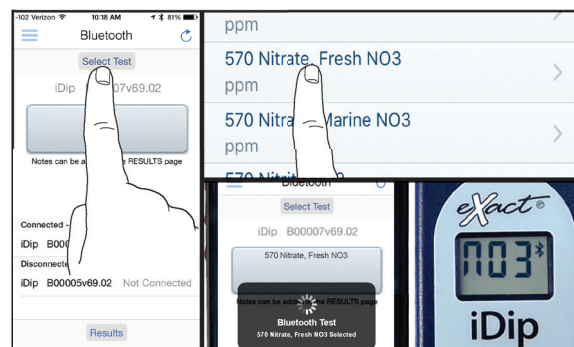
The eExact iDip® app will automatically connect to the most recently used eExact iDip® 570 photometer. If not, select your eExact iDip® 570 from the bottom of the screen.

*Note: Always connect your eExact 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 Nitrate, Fresh NO3** (if this is not visible, purchase the test from the Store). The eExact iDip® 570 photometer and eExact iDip® app will both display the test selection for **Nitrate**.



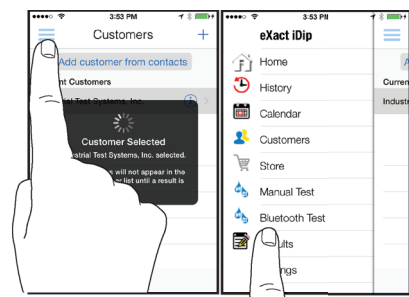
## 2 ICT IDIP® 570

to power on the eExact iDip® 570



## 3 BATTERY TEST

Tap the '≡' and select 'Bluetooth Test' from the



## 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).



**7 CAP CELL AND ZERO METE**

Place the Cell Cover onto the CELL and press the ZERO/OFF button. The eXact iDip® 570 photometer display reads 0.00 ppm. The meter is ready for testing.

ZERO/OFF

**8 REMOVE STRIP**

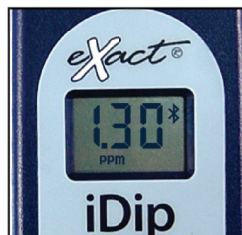
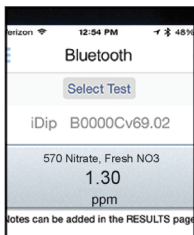
Remove one eXact® Strip Micro Nitrate (Part No. 486655) and set in a dry, convenient place. Replace cap on bottle.

**9 READ**

Countdown and simultaneously touch the bottom of the strip to the CELL in a vertical up and forth motion (2 strokes per second). After 20 seconds, remove and discard the strip. The eXact iDip® photometer will now display a 600 second countdown timer. Make sure your smart device does not go to sleep.

**10 CAP CELL AND READ RESULTS**

Place the Cell Cover onto the CELL and **READ** result displayed as 1.30 ppm Nitrate.

**WITH BRUSH**

Remove the CELL immediately and clean with brush to remove any residue which coat the CELL wall.

**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 Nitrate, Fresh test by purchasing in the Store.
- After the 20 second countdown, the display will immediately start counting up from 1 to 600.
- 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 9). Do not spill the sample from the CELL.

**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 [exactdip.com](http://exactdip.com).



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