OWNER'S MANUAL

English

129
A

WiFi APP
QR Code

IMPORTANT SAFETY RULES

Read, understand, and follow all instructions carefully before installing and using this product. Keep for future reference.

WATER ANALYZER
Model WA510

For illustrative purposes only.

Don't forget to try these other fine Intex products: pools, pool accessories, inflatable pools and in-home toys, airbeds and boats available at fine retailers or visit our website.

Due to a policy of continuous product improvement, Intex reserves the right to change specifications and appearance, which may result in updates to the instruction manual without notice.

INTEX®

129-*A*-R0-2610

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INTRODUCTION

The water analyzer monitors and measures the pH, ORP and temperature of your pool water. The results of this analysis are then communicated to you via the dashboard on the **"Intex Link"** App. If the device detects that one of the parameters is incorrect, the App will alert you of this status and provides you with the instructions to follow to correct and stabilize this parameter in order to maintain a healthy and balanced water.
The analyzer works independently as well as in a group mode with compatible Intex saltwater system and sand filter pump.
In group mode, the App allows you to program schedules for future use, and control other compatible Intex devices with WiFi connectivity.

The water analyzer measures:

- **Water temperature (°C, °F):** an elevated temperature reduces the efficiency of the chlorine and promotes the development of microorganisms.
- **pH (potential of hydrogen):** this quantity measures the acidic or basic character of a medium. pH contributes to the effectiveness of the disinfectant.
- **ORP (measurement of active chlorine in mV):** the oxidation-reduction potential, or redox potential, measures the oxidizing or reducing power of one substance compared to another. It provides information on the disinfecting power of water.

NOTE: FC (free chlorine in ppm) is calculated from the measured ORP and pH.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY RULES

Read, Understand and Follow All Instructions Carefully Before Installing and Using this Product.

⚠ WARNING

- Assembly and disassembly by adults only. This is not a toy.
- This appliance can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The appliance must only be supplied at safety extra low voltage corresponding to the marking on the appliance.
- Do not use if unit is damaged in any way. Replace damaged components promptly.
- Always turn off the device before cleaning, servicing, replacing or any routine maintenance.
- Do not charge the product with a damaged charging cable or charger.
- Charge the product indoors in a clean and dry place. Do not expose to rain or extreme temperature and do not handle with wet hands during charging. Never charge the product while operating it.
- This product contains sealed non-replaceable Lithium-ion (Li-ion) rechargeable batteries. Do not dispose of the product in regular trash, municipal waste stream or by fire as the built-in rechargeable battery may leak or explode. Always dispose of the batteries safely in accordance with your local law and regulations.
- Do not leave this product in water with a temperature below 5 °C or above 50 °C.
- Handle with care. Dropping the device may damage the pH and ORP sensors and void the warranty.
- This product is intended to be used only for the purposes described in the manual.
- Charging operations shall be carried out in accordance with the instructions in “Charging/Recharging the Battery” section.

FOLLOW THESE RULES AND ALL INSTRUCTIONS TO AVOID PROPERTY DAMAGE OR OTHER INJURY.

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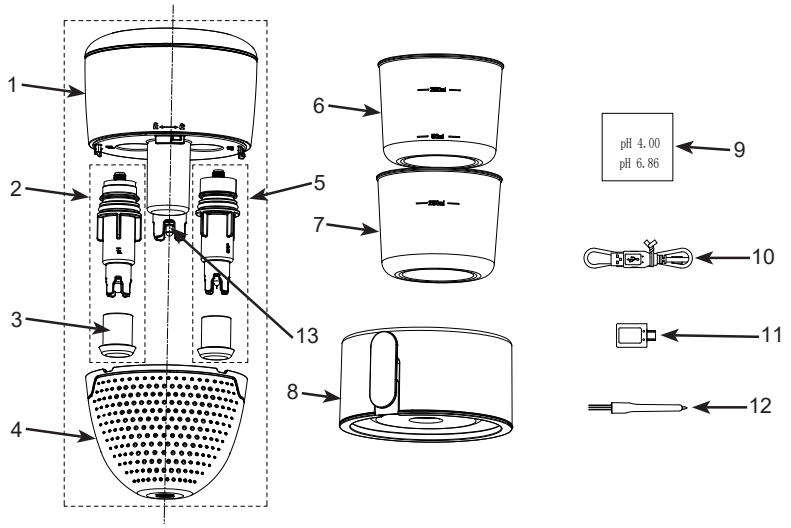
PARTS REFERENCE

Before assembling your product, please take a few minutes to check the contents and become familiar with all the parts.



NOTE: Drawings for illustration purpose only. Actual product may vary. Not to scale.

REF. NO.	DESCRIPTION	QTY.	SPARE PART NO.
1	MAIN BODY	1	13579
2	pH SENSOR (WHITE)	1	13580
3	SENSOR CAP	2	13583
4	PROTECTIVE COVER	1	13582
5	ORP SENSOR (BLACK)	1	13581
6	CUP A	1	13585A
7	CUP B (WITH SMALL PARTITION)	1	13585B
8	CHARGING DOCK	1	13584
9	pH CALIBRATION POWDER KIT	3	13588
10	USB CHARGING CABLE	1	13586
11	ADAPTER (FROM USB TYPE A TO TYPE C)	1	13587
12	SOFT BRUSH (NOT REPLACEABLE)	1	-
13	TEMPERATURE SENSOR (NOT REPLACEABLE)	-	-

When ordering parts, be sure to quote the model number and part numbers.

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PRODUCT SPECIFICATIONS

Model:	WA510
Charger output:	5.0 V DC, 1.0 A or more
Battery voltage/capacity:	3.2 V DC, 4500 mAh
Charging time:	5~6 hours
Full charge operating time:	Up to 2 weeks
Sensors:	pH Measuring range: 1 to 10 Accuracy: ± 0.2 Resolution: 0.1
	ORP (active chlorine) Measuring range: 1 to 1000 mV Accuracy: ± 20 mV Resolution: 1 mV
	Temperature (water) Measuring range: 0 to 50 °C (32 to 122 °F) Accuracy: ± 1 °C (2 °F) Resolution: 1 °C (2 °F)
Waterproof grade:	IPX8 
Operating water temperature:	10~40 ºC (50~104 ºF)
Storage temperature:	10~40 ºC (50~104 ºF)

General

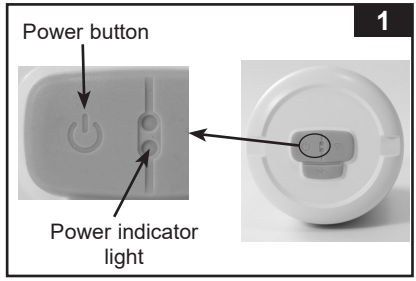
- Plug charger not included. Only use a compatible standard female USB (smartphone) plug charger with an output of 5.0 V DC, 1.0 A or more.
- For the first charge, charge for five (5) hours.
- Make sure the charging receptacle on the product is dry before charging.
- Place the device upright on the charging dock when not in use or during storage.
- The batteries are permanently sealed and cannot be removed or replaced. As the device weakens from use, recharge the batteries. Do not wait until they are fully discharged.
- Do not expose the pH and ORP sensors to air. Exposing the sensors to air will reduce the accuracy, longevity and void the warranty.
- To maximize the efficacy of the Saltwater System with the Water Analyzer, keep the pool covered with an Intex pool cover while the saltwater system is operating or when the pool is not in use.
- No tools are required for the assembly.

SAVE THESE INSTRUCTIONS

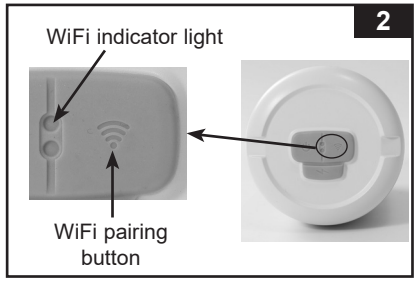
SET UP INSTRUCTIONS

Charging/Recharging the Battery:

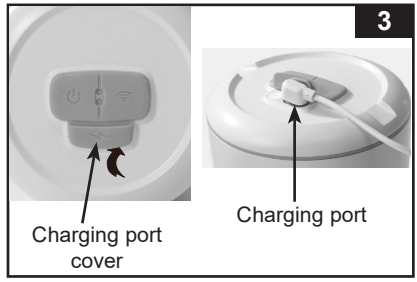
1. Turn on the device, and the power indicator turns green. If the battery level drops below the alert threshold, it turns red. To turn OFF, press the power button until the indicator light goes off. See fig. 1.



2. Press and hold the WiFi pairing button for more than 3 seconds, the WiFi indicator light will flash blue. After successfully pairing, the WiFi indicator light stays on. Pressing and holding the WiFi pairing button for more than 3 seconds again will clear the connected WiFi data and re-enter the WiFi pairing mode. When the WiFi is offline or disconnected, the status indicator will flash. When the WiFi signal is restored, it will be automatically connected and the indicator light will be always on. In the sleep mode, the WiFi indicator will not light up. See fig. 2.



3. Open the charging port cover, attached the charging cable to the device and the charger. Plug the charger into an electrical outlet. After charging, remove the cable and make sure the charging port is securely covered. See fig. 3.
NOTE: Use the adapter **(11)** to convert USB type-A to type-C plug.



4. The power indicator red light flashes while charging and will turn green when the battery is fully charged.
NOTE: For the first charge or after a long-term storage, charge for 5 hours before use.

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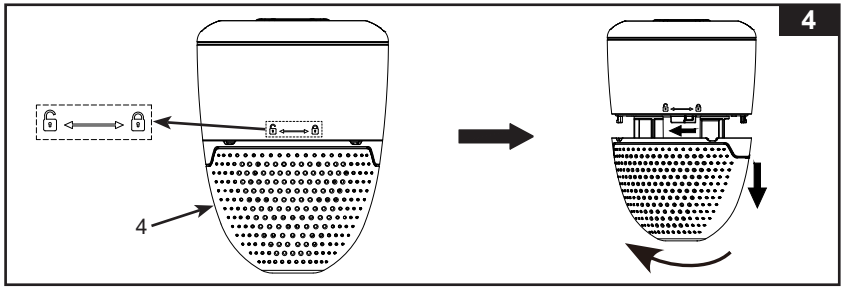
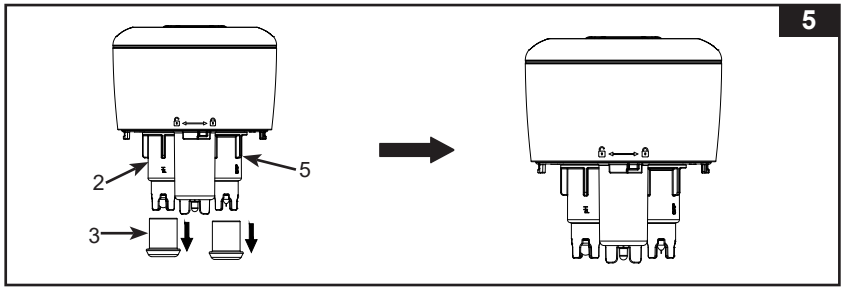
SET UP INSTRUCTIONS (continued) English

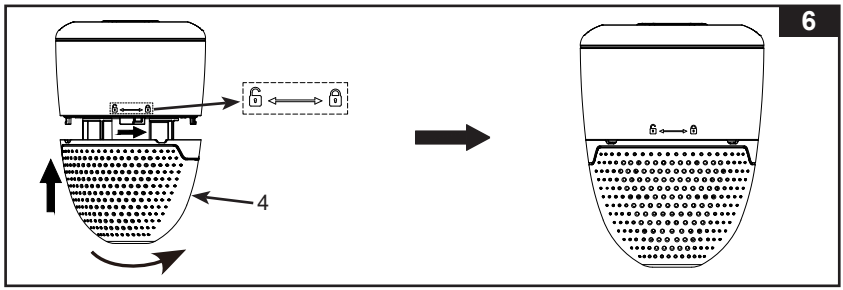
1. Remove the protective cover **(4)**. See fig. 4.



2. Remove the caps **(3)** from the pH and ORP sensors **(2 & 5)**, and keep them in a safe place for long-term storage and future use. See fig. 5.



3. Reinstall the protective cover **(4)**. See fig. 6.



4. Place the analyzer in the pool making sure the top part is out of the water for an effective communication with your smartphone or mobile device.

5. Proceed to **"Intex Link App Installation and Pairing"** section.

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INTEX LINK APP INSTALLATION AND PAIRING

The product allows you to monitor and measure the pH, ORP and temperature of your pool water. If the device detects that one of the parameters is incorrect, the App will alert you of this status and provides you with the instructions to follow to correct and stabilize this parameter in order to maintain a healthy and balanced water.
NOTE: Before pool installation, verify the planned location is within your WiFi router's coverage range. Avoid areas near metal structures, appliances, or dense materials that may weaken the signal. If the pool is too far from the router, the water analyzer may experience connectivity issues.

WiFi APP QR Code

System and WiFi Router Requirement
The water analyzer communicates via Bluetooth and 2.4 GHz WiFi network supporting 802.11 b/g/n wireless technology. The hardware does not support 5 GHz WiFi networks. It is recommended that you turn off your 5 GHz WiFi network during the App setup and pairing process.

WiFi Pairing
For a successful first time WiFi pairing between the water analyzer and your mobile device, make sure:

- To turn on the "**Bluetooth**" function on your mobile device and allow "**Nearby Devices**" permission (Intex Link App info → App permissions → Nearby devices → Allow).
- To turn on "**Location access**" on your mobile device.
- Ensure the water analyzer operating location is within your WiFi router coverage range. The area shall be free from metallic walls/mesh and other objects that may interfere with or reduce the WiFi signal.
- Turn off the mobile data (2G, 3G, 4G, 5G and LTE) function on your mobile device first, and make sure your mobile device is connected to your WiFi router before pairing the device with the water analyzer. Check the WiFi signal strength is full by browsing the internet with your mobile device using the connected WiFi network and ensure the webpage loading speed is fast.
- Follow below step-by-step sequence:

1) Scan the WiFi App QR code on this manual to install the App. You may also download the "Intex Link App" from the App Store or Google Play.
2) Open the App, create a new account (for first time user) and login into the App.
3) Turn ON the water analyzer.
4) Press and hold the pairing ( ) button until the WiFi indicator blue light starts flashing. The water analyzer has begun pairing with your mobile device.
5) Touch the "Add Device" or " ⊕ " button on the App to search for nearby devices.
6) Touch the water analyzer icon to be added or paired up with.
7) Choose your wireless WiFi router and enter the WiFi router password, then touch "**Next**" to begin pairing.
8) Once the water analyzer is added successfully, the pairing is completed, and the WiFi indicator light stays on. Touch the "Done" button to begin using the App. The WiFi indicator light will turn off after 2 minutes and enter sleep mode.
   NOTE: If the pairing fails, please repeat steps #4 to #8.

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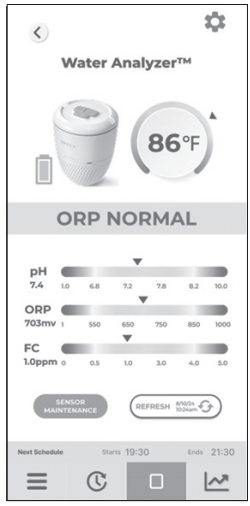
WATER ANALYZER APP DESCRIPTION

Schedule: to schedule future pool water measurements.

Dashboard: shows the real-time main parameters of your pool water as well as any alert message.

History: keep record of your pool historical parameters data.

Settings: allows you to configure your Regional Setting, Pool Settings, Analyzer Target parameters, and Sensor Calibration information. **NOTE:** "Regional Setting" is only available if you are located in the USA. Make sure your location access is activated on your mobile device.



The water analyzer measures the temperature, pH and ORP once every hour within the set duration time frame. Tap the "REFRESH" button to update the water parameters at any time. Tap the temperature field to switch between °F and °C.

NOTE: FC (free chlorine in ppm) is calculated from the measured ORP and pH. The results are inaccurate and are for reference only. Remove the sensor caps (#13583) from pH/ORP sensors before use. Failure to do so will cause inaccurate reading and malfunction. Never let pH/ORP sensors dry out; keep them moist during device charging.
You must set schedules for the water analyzer after enabling **"Group Mode"**. Without active schedules, the analyzer cannot remotely control other compatible Intex devices via WiFi when you're away from home.

App Group Mode Instruction

In group mode, the water analyzer will control and manage other compatible Intex accessories with WiFi connectivity, such as Saltwater System, Filter Pump and Sand Filter Pump.

1. Pair up each compatible accessory with WiFi connectivity to your mobile device first. Only products with WiFi ( ) icon on the control panel can be connected. Refer to each product pairing guide for details.
2. Tap the group mode ( ) icon to view compatible products that can be grouped together with the analyzer. Compatible products appear in group of two or three.
3. Tap the ( ) button to confirm and activate the group mode with the water analyzer, saltwater system and/or filter pump. In this group setting, the analyzer will control the saltwater system and/or the filter pump.
4. Tap the ( ) to view the list of connected devices, tap the analyzer icon to open the analyzer dashboard.
5. Tap the schedule ( ) icon. Delete all schedules for the water analyzer and saltwater system (if any), ensuring you retain the schedule for the essential filter pump. Then, tap the **"+"** icon to create a new schedule. When the schedule is executed, the display panel of the saltwater system and/or filtration pump shows **"AU"**, indicating they are in automatic mode controlled by the analyzer.
6. To turn off a group mode that is no longer in use, tap the ( ) button.

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Sensor Cleaning

The sensors should be cleaned on the last day of each month for optimal readings. The App will automatically remind you when to clean the sensors. Follow the App instructions and the following step:

1. Turn off the analyzer.
2. Remove the protective cover **(4)**.
3. Fill cup B **(7)** with white vinegar.
4. Place the analyzer in the cup and let the sensors soak in vinegar for 4 hours. Ensure the sensors are completely soaked in vinegar, add more vinegar if necessary.
5. Remove the analyzer from the cup and rinse the sensors with tap water.
6. If any visible dirt remains on the sensors, gently clean them with a soft brush **(12)**. Do not touch the pH probe bulb with a brush. Doing so may damage the probe and void the warraty.
7. Replace the protective cover and put the analyzer back into the pool.

pH AND ORP SENSORS CALIBRATION

The pH and ORP sensors should be calibrated every 4 months. If the water analyzer App shows "**Sensor Maintenance**" message on the dashboard, it's time to calibrate the sensors. If unsure, do not hesitate to recalibrate the sensors to ensure accurate readings. Follow the App instructions and the following step:

Calibrate pH Sensor

1. Follow the water analyzer App calibration instructions under "Sensor Maintenance". Stay close to your mobile device throughout the calibration process.
2. Take the water analyzer out of the pool and keep it turned on.
3. Remove the protective cover **(4)**.
4. Fill cup B **(7)** with white vinegar.
5. Place the analyzer in the cup and let the sensors soak in vinegar for 4 hours. Ensure the sensors are completely soaked in vinegar, add more vinegar if necessary.
6. Rinse the pH sensor with tap water and gently dry it with a non-abrasive, non-electrostatic cloth or paper towel.
7. Perform two different pH sensor tests using the included pH calibration powder kit **(9)**.
   Test 1:
   a) Mix powder sachet marked "pH 4.00" with 250 mL of tap water in the provided cup A **(6)**. Additional pH calibration powder can be purchased at your local e-commerce website.
   b) Dip the analyzer exposed sensors into the cup and tap "**CALIBRATE**" on the App.
   c) If "Test 1" failed, rinse the pH sensor with tap water and run Test 1 again.
   d) After two failed calibration tests, check for pH sensor replacement part.
   e) If the result of Test 1 is "**Success**", rinse the sensor with tap water and gently dry it with a non-abrasive, non-electrostatic cloth or paper towel. Empty, rinse and wipe the cup. Tap "**NEXT**" on the App to proceed to Test 2.

SAVE THESE INSTRUCTIONS

Test 2:

f) Mix powder sachet marked “pH 6.86” with 250 mL of tap water in the provided cup A **(6)**. Additional pH calibration powder can be purchased at your local e-commerce website.
g) Dip the analyzer exposed sensors into the cup and tap “**CALIBRATE**” on the App.
h) If “Test 2” failed, rinse the pH sensor with tap water and run Test 2 again.
i) After two failed calibration tests, check for pH sensor replacement part.
j) If the result of Test 2 is “**Success**”, rinse the sensor with tap water and gently dry it with a non-abrasive, non-electrostatic cloth or paper towel. Empty, rinse and wipe the cup. Tap “**NEXT**” on the App to return to calibration main page.

Calibrate ORP Sensor

Note: “ORP Buffer Powder 256 mV” not included. ORP calibration powder can be purchased at your local e-commerce website.

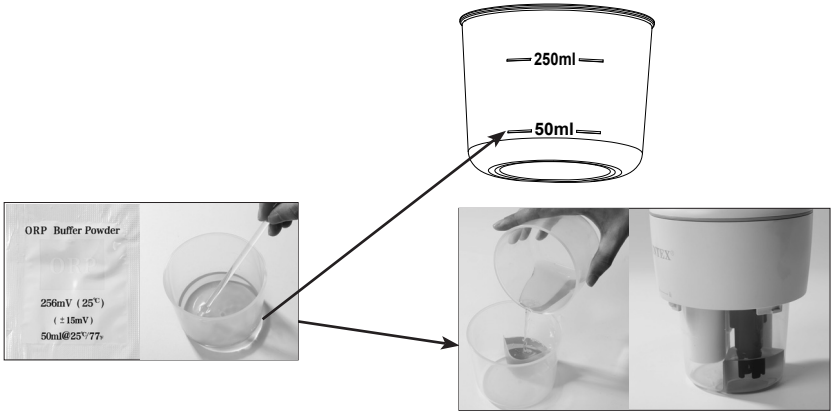
1. Follow the water analyzer App calibration instructions under “Sensor Maintenance”. Stay close to your mobile device throughout the calibration process.
2. Take the water analyzer out of the pool and keep it turned on.
3. Remove the protective cover **(4).**
4. Soak the ORP sensor in white vinegar (5-10% acidity) for 4 hours. Clean it with the provided soft brush **(12)** and regular toothpaste.
5. Rinse the sensor with tap water and gently dry it with a non-abrasive, non-electrostatic cloth or paper towel.
6. Mix “ORP Buffer Powder 256 mV” (not included) with 50mL of tap water in cup A **(6)** and stir for two minutes. It’s normal if some powder does not fully dissolve. Pour the solution into the small compartment of the provided partitioned cup B **(7)** for calibration.
7. Dip the ORP sensor **(black sensor)** into the small compartment of the cup, and tap “**CALIBRATE**” on the App.
8. If test failed, rinse the ORP sensor and run the test again.

SAVE THESE INSTRUCTIONS

SENSOR CLEANING AND CALIBRATION (continued)

9. After two failed calibration tests, check for ORP sensor replacement part.
10. If the result is "**Success**", rinse the sensor with tap water and gently dry it with a non-abrasive, non-electrostatic cloth or paper towel. Empty, rinse and wipe the cup. Tap "**NEXT**" on the App to return to the Calibration main page.

After all the calibrations are completed successfully, clean the cups with tap water, replace the protective cover and put the analyzer back into the pool.



pH and ORP Sensors Replacement

1. Remove the analyzer from the water and turn it off.
2. Remove the protective cover **(4)**, dry the analyzer and all the sensors with a non-abrasive, non-electrostatic cloth or paper towel.
3. Identify the sensor that needs to be replaced. Using your fingers, turn it counterclockwise until it is loose, then pull it out.
4. Check the receptacle is dry and screw the new sensor back. Ensure it is fully tightened.
5. Replace the protective cover, turn on the analyzer, and place it in the water.

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OPERATING TIME TABLE (WITH INTEX POOL COVER)

Water Capacity		Operating Time (hours)			
(gal)	(liters)	With QS700 Plus	With QS1600 Plus	With QX2100 Plus	With QX2600 Plus
2000	7500	**2 ~ 12**	**1 ~ 12**	**2 ~ 12**	**1 ~ 12**
3000	11500	**3 ~ 12**	**2 ~ 12**	**3 ~ 12**	**2 ~ 12**
4000	15000	**4 ~ 12**	**2 ~ 12**	**4 ~ 12**	**2 ~ 12**
5000	19000	**4 ~ 12**	**2 ~ 12**	**4 ~ 12**	**3 ~ 12**
6000	22500	**5 ~ 12**	**2 ~ 12**	**5 ~ 12**	**3 ~ 12**
7000	26500	**6 ~ 12**	**2 ~ 12**	**6 ~ 12**	**4 ~ 12**
8000	30000	**6 ~ 12**	**2 ~ 12**	**7 ~ 12**	**4 ~ 12**
9000	34000	**7 ~ 12**	**3 ~ 12**	**8 ~ 12**	**4 ~ 12**
10000	38000	-	**3 ~ 12**	-	**5 ~ 12**
11000	41500	-	**3 ~ 12**	-	**5 ~ 12**
12000	45500	-	**4 ~ 12**	-	**6 ~ 12**
13000	49000	-	**4 ~ 12**	-	**6 ~ 12**
14000	53000	-	**4 ~ 12**	-	**7 ~ 12**
15000	56500	-	**5 ~ 12**	-	**8 ~ 12**
16000	60500	-	**5 ~ 12**	-	-
17000	64500	-	**5 ~ 12**	-	-
18000	68000	-	**6 ~ 12**	-	-

LONG TERM STORAGE

1. Turn off the device after it is fully charged.
2. Clean and air dry all the accessories and parts thoroughly.
3. To protect and extend the life of the battery, make sure the battery is charged before long term storage, and charge the battery every 3 months thereafter.
4. The sensors **must not** be left to dry out. Moisten the sponge inside each sensor cap **(3)** with pool water or tap water.
5. Remove the protective cover **(4)** and reattach the sensor caps **(3)** to the pH and ORP sensors.
6. Replace the protective cover and place the analyzer in the charging dock **(8)**.
7. Store the water analyzer upright in a humid indoor location. Do not store outdoors. Do not expose to sunlight.
   NOTE: The formation of white residue around the sensor caps is normal. Simply rinse with tap water. Calibrate the sensors after long-term storage and at the beginning of the pool-opening season.

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TROUBLESHOOTING GUIDE

TROUBLE	CAUSE	SOLUTION
Product does not turn on	• Battery is depleted.	• Fully charge the battery until the power indicator light changes from flashing red to solid green.
The pH measurement is well outside the range of pH 6.8 to 8.2	• Product is not in contact with pool water. • The pH sensor has not been calibrated for a long time. • The pH sensor has been exposed to dry environment for a long time (more than 48 hours). • pH sensor dirty. • pH sensor damaged or broken.	• Place the product in the pool water before measuring. • Calibrate the pH sensor. See **"Sensor Cleaning and Calibration"** section in the manual. • Soak sensor in a solution of 5%-10% white vinegar for 4 hours, then rinse thoroughly before soaking in tap water for 24 hours. Calibrate the pH sensor according to the calibration steps in the manual or App. If calibration fails, replace a new pH sensor. • Soak in 5%-10% white vinegar for 4 hours, then rinse thoroughly, see **"Sensor Cleaning and Calibration"** section. • Replace a new pH sensor.
Unstable pH measurement value	• Product is not in contact with pool water. • The sensor cap has not been removed.	• Place the product in the pool water before measuring. • Remove all sensor caps and place the product in the pool water.
The ORP measurement values have consistently been in the lower range (below 650 mV)	• Product is not in contact with pool water. • The sensor cap has not been removed. • ORP sensor dirty. • ORP sensor damaged or broken.	• Place the product in the pool water before measuring. • Remove all sensor caps and place the product in the pool water. • Soak sensor in a solution of 5%-10% white vinegar for 4 hours, then clean it with a soft brush **(12)** and rinse it well with tap water. Calibrate the ORP sensor according to the calibration steps in the manual or App. If calibration fails, replace a new ORP sensor. • Replace a new ORP sensor.
ORP value is off limit Display "Troubleshooting" on the APP	• After a heavy rain or if the pool is dirty. • The product is not floating on the pool water. • Use stabilized chlorine. • Pool is not covered when saltwater system is running.	• Cover the pool with an Intex pool cover for 2 days with the INTEX saltwater system running or non-stabilized chlorine and then run water analyzer again. • Put the product back into the pool water. If the product dries out for more than 2 days, soaking them overnight in pH 4 buffer will usually restore the sensors. If the pH 4 buffer solution can be maintained at 40 °C, it will help accelerate the restoration process. • If CYA is used, Maintain CYA ≤ 10 ppm, Measure free chlorine daily using DPD test kits or chlorine test strip (not ORP). • Cover the pool with an Intex pool cover.

SAVE THESE INSTRUCTIONS

WIFI APP TROUBLESHOOTING

PROBLEM	CAUSE	SOLUTION
WIFI PAIRING FAILURE DURING THE FIRST TIME SETUP	• Wrong version of mobile device.	• Ensure the right version of mobile devices: a. iOS - Apple iPhone 6, 6 Plus and greater. Tablet compatibility is not optimized. b. Android – All Android phones. Tablet compatibility is not optimized.
	• Incompatible mobile device operating system.	• Ensure the right version of operating system: a. Apple devices – iOS 11.0 and greater. b. Android devices – Android 6.0 and greater. For 6.0 and greater version, you must turn on the GPS signal on your mobile device for the first time pairing. Once you have successfully paired the water analyzer and save it, you may turn off the GPS signal.
	• Wrong router network band.	• Make sure you are connecting to a 2.4GHz network and try to pair the mobile device with the water analyzer again.
	• Wrong network name.	• Make sure you are connecting to the right WiFi router signal and try to pair the mobile device with the water analyzer again. • Make sure your mobile device and water analyzer are connected to the same WiFi router signal.
	• Wrong WiFi password.	• Ensure correct WiFi router password. See “WiFi Pairing” section.
	• The water analyzer location is too far from your WiFi router signal coverage range.	• Ensure your mobile device is connected to your WiFi router and can access and browse the internet. • If you cannot move your water analyzer, then you need to move your WiFi router or add a repeater/signal booster so that you can receive signals from your WiFi router at your water analyzer location. • Try to pair the mobile device with the water analyzer again.
	• The App does not load.	• Force-quit the App, re-launch the App and try to pair the water analyzer with your mobile device again. • Ensure the right version of mobile devices and operation system. • Uninstall the App and reinstall it again. See “WiFi Pairing” section.

SAVE THESE INSTRUCTIONS

WIFI APP TROUBLESHOOTING (continued)

PROBLEM	CAUSE	SOLUTION
WIFI PAIRING FAILURE DURING THE FIRST TIME SETUP	• Bluetooth and WiFi not activated on your mobile device. • IntexLink App "Nearby Devices" not activated. • Your mobile device "Location access" is not activated.	• Turn on the Bluetooth and WiFi functions on your mobile device first. • Allow "Nearby Devices" permission (IntexLink App info → App permissions → Nearby devices → Allow). • Turn on "Location access" on your mobile device while using the App. • Turn off and on the water analyzer, try to pair it again. See "WiFi Pairing" section.
	• Wrong WiFi pairing sequence.	• Refer to "WiFi Pairing" section.
OFFLINE AFTER SUCCESSFUL INITIAL SETUP AND PAIRING	• WiFi signal failure. • WiFi LED indicator light is blank.	• Reboot the WiFi router by powering it off for one minute and then turning it back on. Refer to your WiFi router's troubleshooting guide for more assistance. • Make sure your mobile device and water analyzer are connected to the same WiFi router signal, and your mobile device can access and browse the internet from the location where the water analyzer is setup. • If you cannot move your water analyzer, then you need to move your WiFi router or add a repeater/signal booster so that you can receive signals from your WiFi router at your water analyzer location. • Try connecting using your mobile data function (2G, 3G, 4G, 5G and LTE), if it works, there may be a firewall that is preventing communications between your mobile device and the water analyzer.
	• The App does not load.	• Force-quit the App, re-launch the App and try to pair the water analyzer with your mobile device again. • Make sure your mobile device data function is activated and the device can access and browse the internet. • If the mobile data function (2G, 3G, 4G, 5G and LTE) works, try pairing the water analyzer to your Wi-Fi router network. See "WiFi Pairing" section.
	• Other interferences.	• Make sure there are no big metallic walls, objects between the water analyzer and your WiFi router signal.

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Cyanuric Acid (CYA) impact on the Water Analyzer Chlorine Monitoring in Swimming Pools

Cyanuric Acid (CYA), commonly used in pools to stabilize chlorine against UV degradation, significantly interferes with Oxidation-Reduction Potential (ORP) sensor readings of the water analyzer. High CYA levels cause ORP systems to underreport active free chlorine concentration, creating a false impression of inadequate sanitation even when sufficient chlorine is present.

Technical Terms Explanation

- **CYA Binds Free Chlorine:**
  CYA forms complexes with hypochlorous acid (HOCl), the primary disinfecting form of chlorine. While this protects chlorine from sunlight, it reduces HOCl's electrochemical activity.
- **ORP Sensors Measure Activity, Not Concentration:**
  ORP measures the oxidizing potential of water, not chlorine concentration. CYA-bound chlorine has lower oxidative activity, causing ORP values to drop even if free chlorine levels are technically adequate.
- **The Masking Effect:**
  At 50 ppm CYA, ORP readings may be 50–100 mV lower than in CYA-free water with identical chlorine levels. At 100 ppm CYA, ORP can indicate "low sanitizer" despite safe free chlorine (e.g., 2–3 ppm).

Consequences for Pool Owners

- **False Low-Sanitizer Alarms:** the water analyzer ORP controller may unnecessarily overfeed chlorine or trigger alerts.
- **Undetected Sanitation Failure:** If operators rely solely on ORP, true chlorine depletion (e.g., due to heavy bather load) may go undetected.
- **Chemical Imbalance Risks:** Compensating for perceived low ORP by adding excess chlorine can damage equipment/pool surfaces and irritate swimmers.

Recommendations

- **Minimize or Avoid CYA:** Do not use stabilized chlorine (e.g., trichlor/dichlor) or standalone CYA in pools using ORP-based automated system (INTEX water analyzer).
- **Alternative Sanitization:** Use non-stabilized chlorine (e.g., INTEX saltwater system with Wi Fi control, liquid sodium hypochlorite) and manage UV loss through alternative methods (e.g., pool covers).
- **Regular Manual Testing:** If CYA is used:
  - Maintain CYA ≤ 10 ppm.
  - Measure free chlorine daily using DPD test kits (not ORP).
  - Calibrate ORP sensors weekly.

Why This Matters

ORP is the industry standard for real-time water quality monitoring, but CYA undermines its core function. Protecting swimmers requires accurate data—not guesswork.
Ignoring this advisory risks:

* Customer complaints about water quality/safety.
* Increased chemical costs and equipment wear.
* Potential liability from inadequate disinfection.

Quick Reference

CYA Level	ORP Reliability	Recommended Action
0–10 ppm	☑ High	Ideal for ORP systems
10–50 ppm	⚠ Reduced	Manual chlorine checks
>50 ppm	✖ Unreliable	Avoid ORP reliance

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Limited Warranty

Your Water Analyzer has been manufactured using the highest quality materials and workmanship. All Intex products have been inspected and found free of defects prior to leaving the factory. This Limited Warranty applies to the Water Analyzer only.

This limited warranty is in addition to, and not a substitute for, your legal rights and remedies. To the extent that this warranty is inconsistent with any of your legal rights, they take priority. For example, consumer laws across the European Union provide statutory warranty rights in addition to the coverage you receive from this limited warranty: for information on EU-wide consumer laws, please visit the European Consumer Center website at http: //ec.europa.eu/consumers/ecc/contact_en/htm.

The provisions of this Limited Warranty apply only to the original purchaser and are not transferable. This Limited Warranty is valid for the period noted below from the latter of the date of the initial retail purchase or delivery. Keep your original sales receipt with this document, as proof of purchase will be required and must accompany warranty claims or the Limited Warranty will be invalid.

Water Analyzer Warranty – 1 Year
pH and ORP Sensors Warranty – 1 Year

If you find a manufacturing defect in the Water Analyzer during the warranty period, please contact the appropriate Intex Service Center listed in the separate “Authorized Service Centers” sheet. If the item is returned as directed by the Intex Service Center, the Service Center will inspect the item and determine the validity of the claim. If the item is covered by the provisions of the warranty, the item will be repaired or replaced, with the same or comparable item (at Intex’s choice) at no charge to you.

Other than this warranty, and other legal rights in your country, no further warranties are implied. To the extent possibly in your country, in no event shall Intex be liable to you or any third party for direct or consequential damages arising out of the use of your Water Analyzer, or Intex or its agents’ and employees’ actions (including the manufacture of the product). If your country does not allow the exclusion or limitation of incidental or consequential damages, this limitation or exclusion does not apply to you.

You should note that this limited warranty does not apply in the following circumstances:

- If the Water Analyzer is subject to negligence, abnormal use or application, accident, improper operation, improper voltage or current contrary to operating instructions, improper maintenance or storage;
- If the Water Analyzer is subject to damage by circumstances beyond Intex’s control, including but not limited to, ordinary wear and tear and damage caused by exposure to fire, flood, freezing, rain, or other external environmental forces;
- To parts and components not sold by Intex; and/or.
- To unauthorized alterations, repairs or disassembly to the Water Analyzer by anyone other than Intex Service Center personnel.

Injury or damage to any property or person is not covered by this warranty.

Read the owner’s manual carefully and follow all instructions regarding proper operation and maintenance of your Water Analyzer. Always inspect your product prior to use. This limited warranty will be void if use instructions are not followed.

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QUICK START GUIDE

NOTE: Follow the step-by-step instructions below to ensure correct use of the App. Do not change the steps. All pictures are for illustration purposes only.

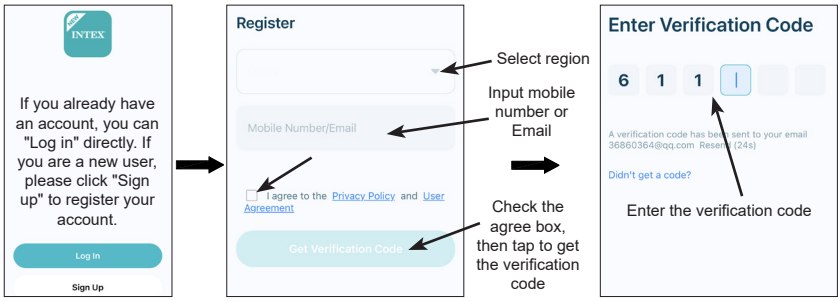
1. Scan QR Code to Download and Install the "INTEX LINK" App

WiFi APP QR Code

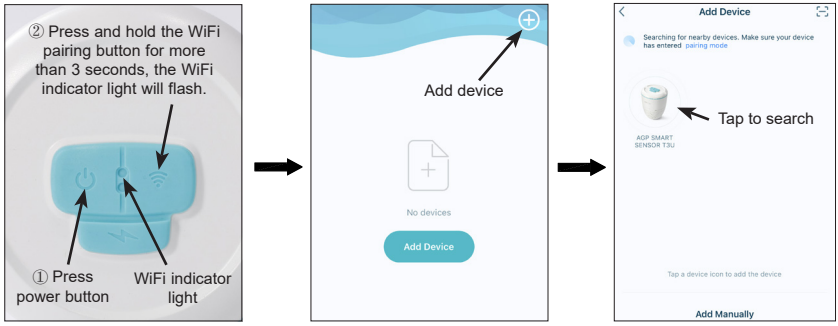
GET IT ON Google Play

Download on the App Store

2. Create an Account (for first time user) and Log in to the App



3. Water Analyzer Pairing: Ensure the water analyzer is within 3 ft (1m) of your phone and its indicator light is flashing.



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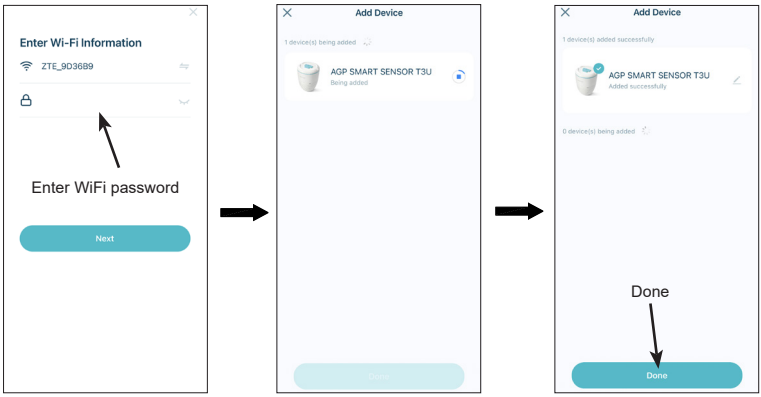
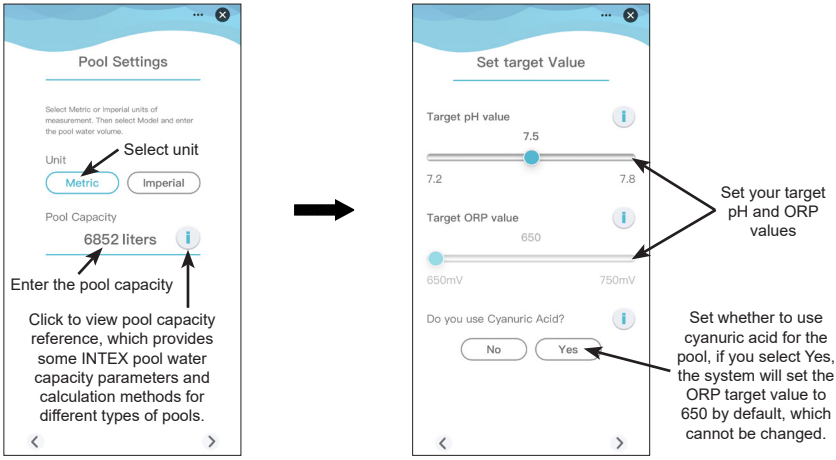
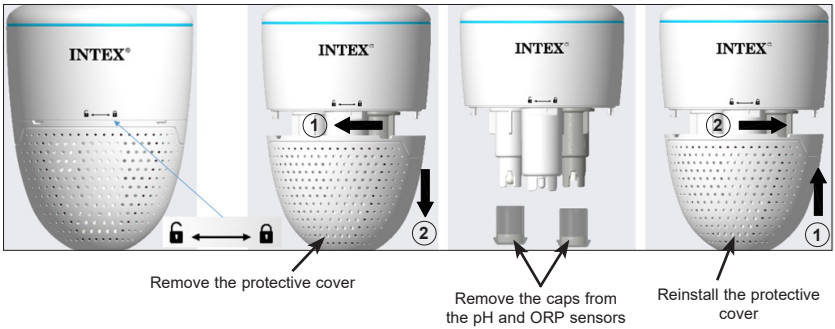


4. Product Parameter Settings



5. Product Preparation Before Use



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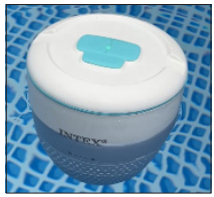
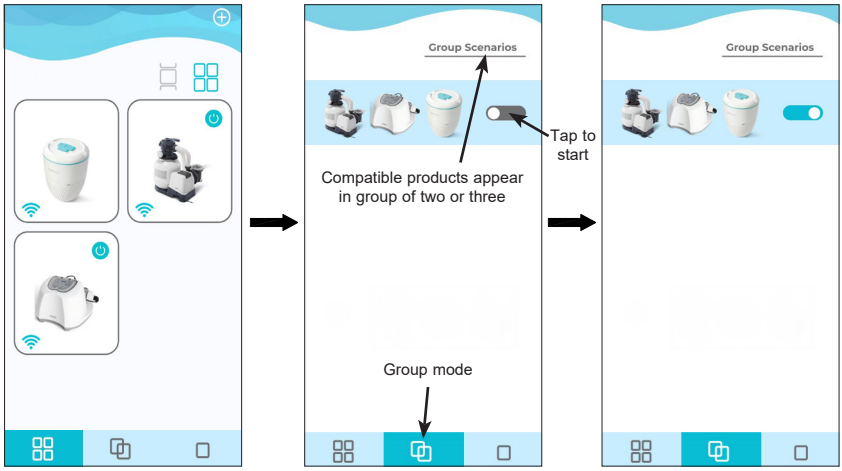
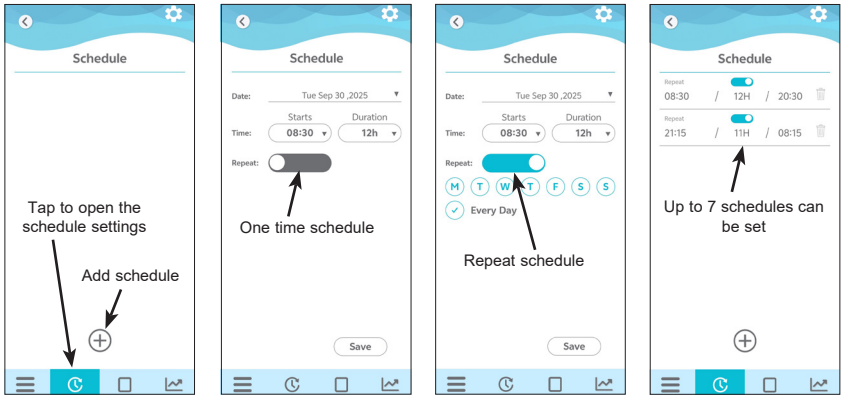
6. Place the Product in the Pool



7. Group Mode Setting



8. Schedule Setting: Tap the schedule ( ) icon. Delete all schedules for the water analyzer and saltwater system (if any), ensuring you retain the schedule for the essential filter pump. Then, tap the (⊕) icon to create a new schedule. Configure this schedule for the water analyzer to activate it and initiate the operation of any linked products.



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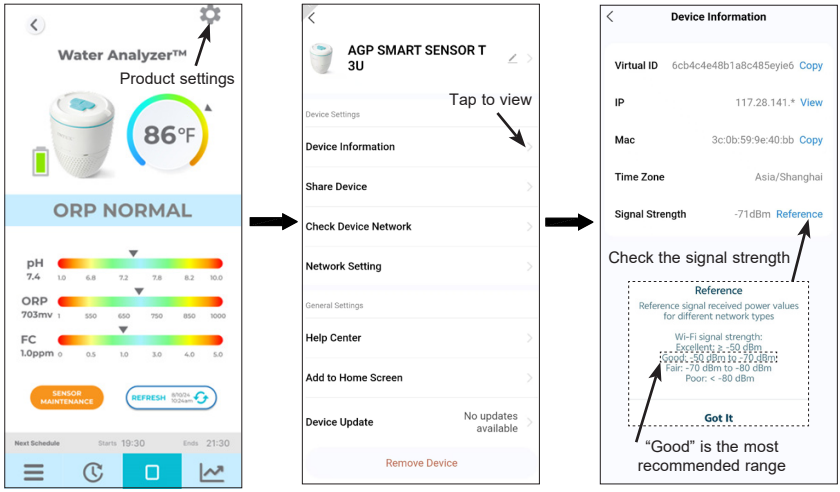
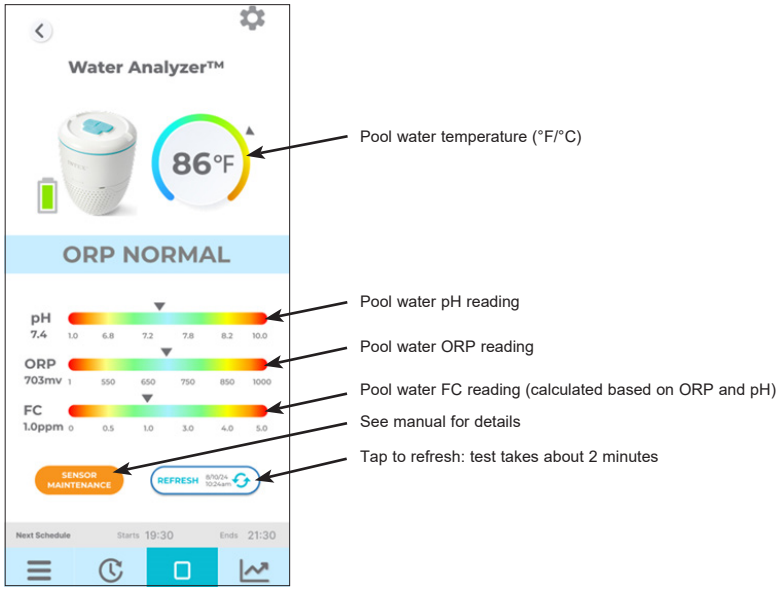
9. Checking product signal strength



10. Water Quality Dashboard



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