



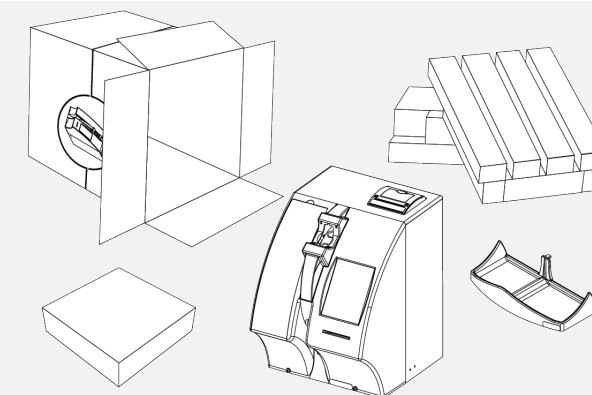
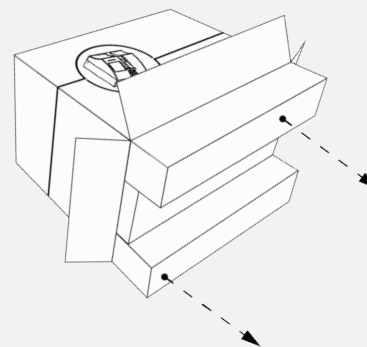
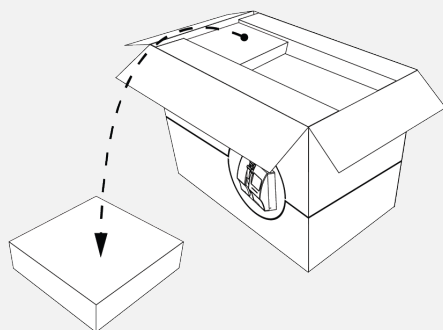
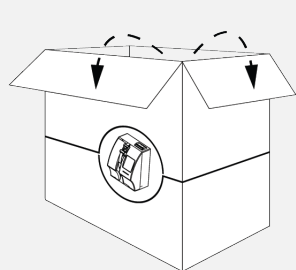
iSED[®] INSTALLATION & SETUP

Consumables, Instrument Overview and Setup

UNPACKING THE INSTRUMENT

Inspect the shipping container for any obvious signs of mishandling or shipping damage. If damage is found, retain all package materials, and file a claim with your shipping carrier.

1. Position the box upright and open the top flaps.
2. Remove the **Power Supply, iWASH® and iWASTE® Bottles, and Bottle Tray** and set aside.
3. Rotate the box on its side. Slowly slide the instrument and surrounding foam out of the box using the **brown tube** found between the foam panels.
4. Remove the **Accessory Bag** and set aside.
5. Remove the foam panels from the sides of the instrument.
6. Place the instrument on a **secure, flat surface** and remove the instrument from the protective bag. **Save the box and foam pieces for future use!**



CONSUMABLES

Test Card

A Test Card is a smart card which contains a **pre-determined quantity of Test Credits**. Test Cards do not expire and are available in various denominations to satisfy all testing volumes.

iWASH

The iWASH wash solution is required to ensure optimal analyzer performance.

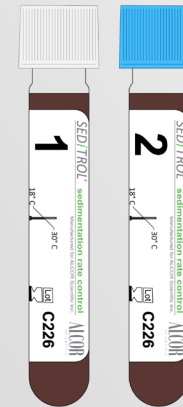
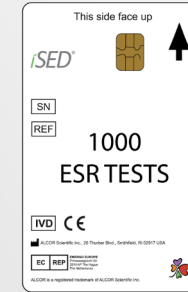
SEDiTROL® Quality Control, Levels 1&2

The SEDIROL Quality Controls are required as the external controls for the analyzer.

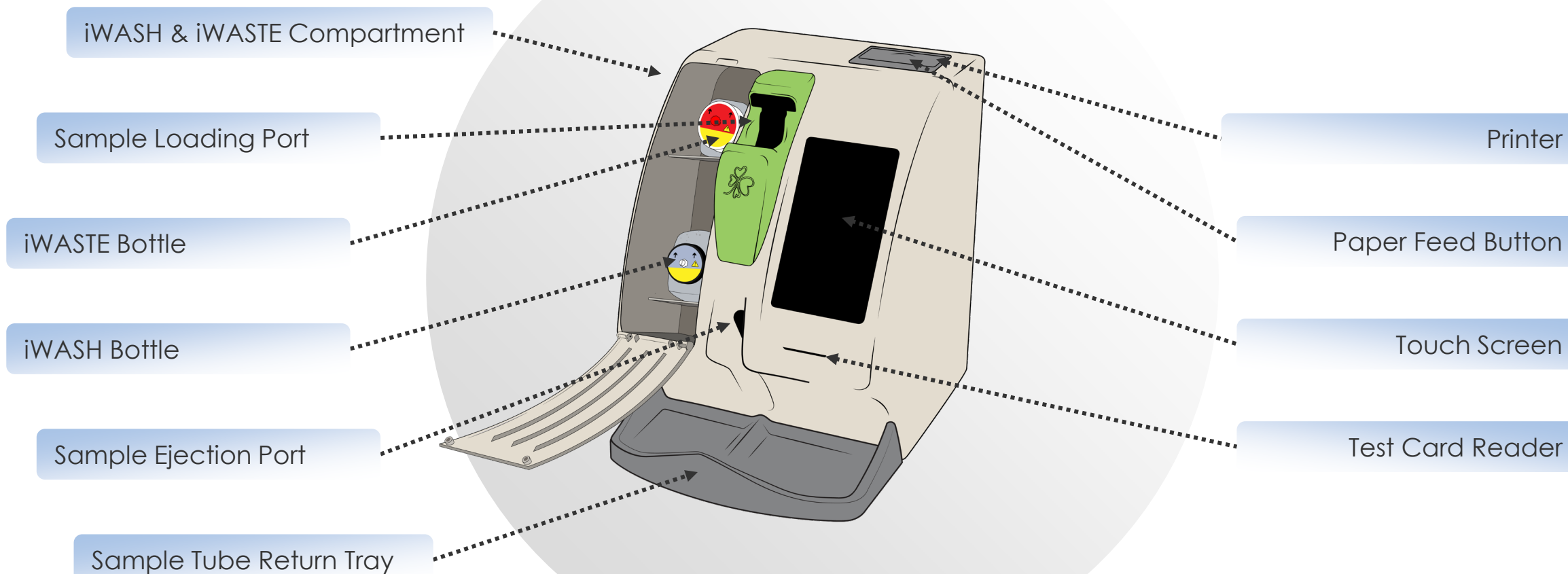
deepCLEAN® Cleaning Solution (optional)

The deepCLEAN Cleaning Solution is used for the Deep Cleaning procedure, which is important for proper functioning of the analyzer.

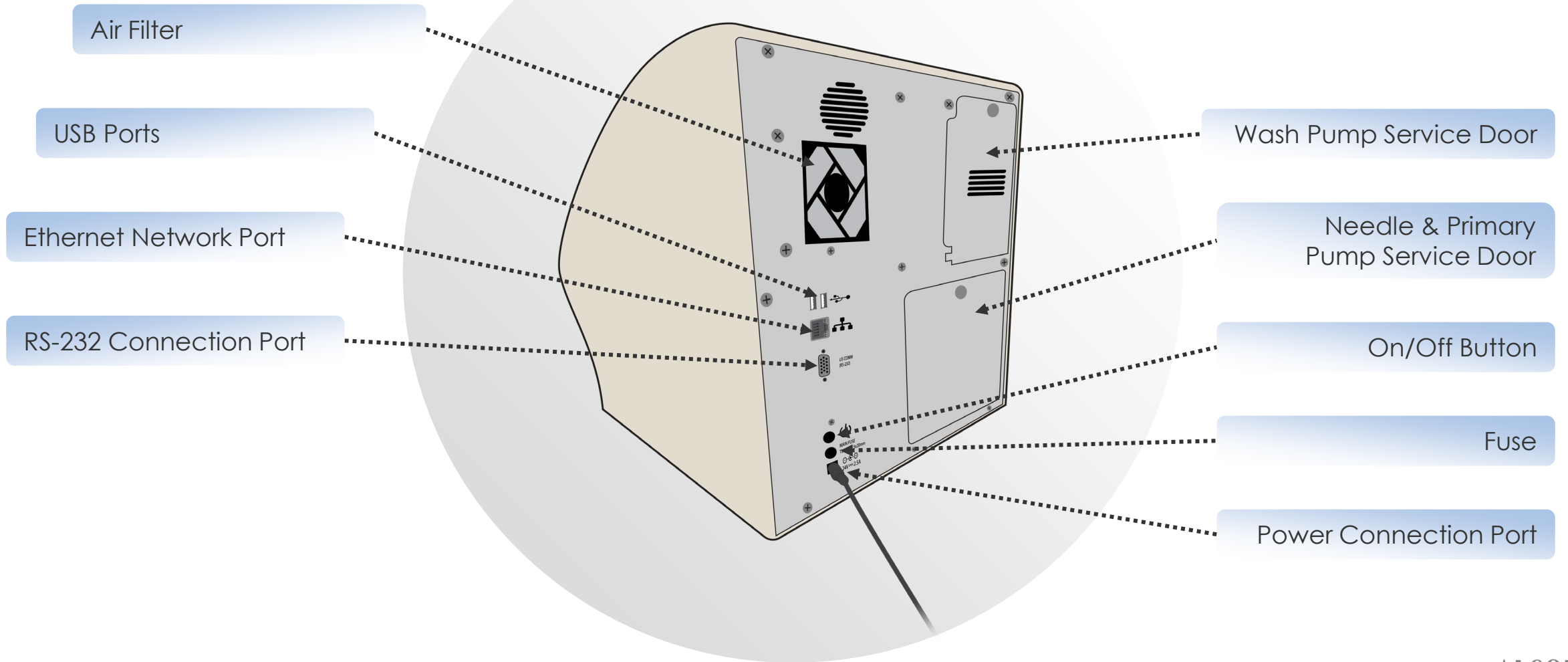
iLEARN



FRONT VIEW



BACK VIEW



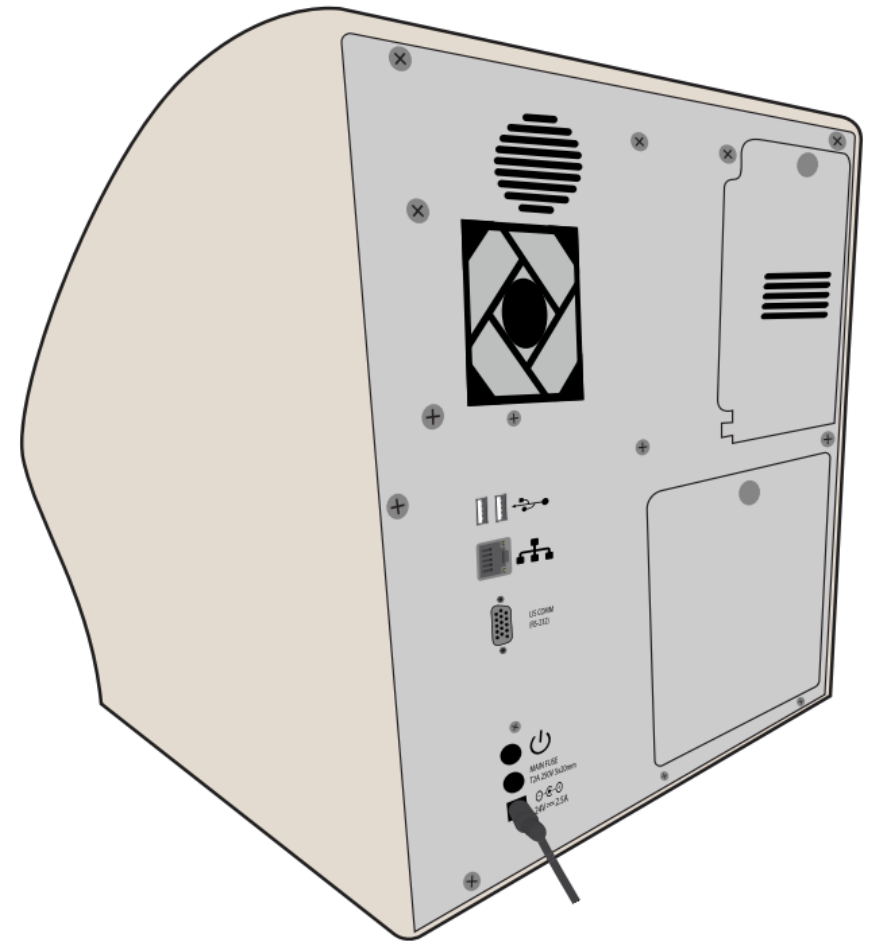
POWER CONNECTION

1. Connect the Power Cord to the Power Supply.
2. Connect the Power Supply to the Power Connection Port located on the **back** of the iSED.
3. Place the instrument in its **permanent operating** location and plug the Power Cord into a standard outlet.
4. Turn the iSED on using the **On/Off** switch located on the back of the instrument.

Once the power button has been pressed, the instrument will produce an **audible beep**, after which the instrument is non-functional while the operating system boots up. *(This initializing process takes about 10-15 seconds.)*

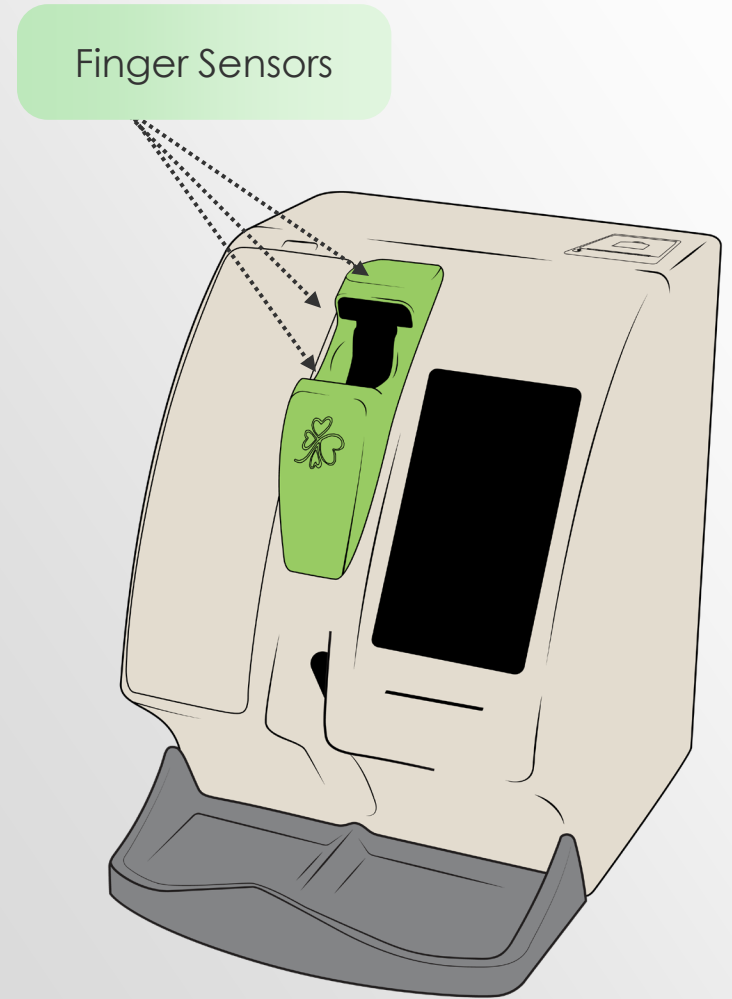
Ethernet and RS232 Connection:

The analyzer is equipped with an RJ-45 Ethernet connector and RS232 port. For more information refer to document 222-09-006, *Communication Protocol*.



FINGER SENSOR SAFETY

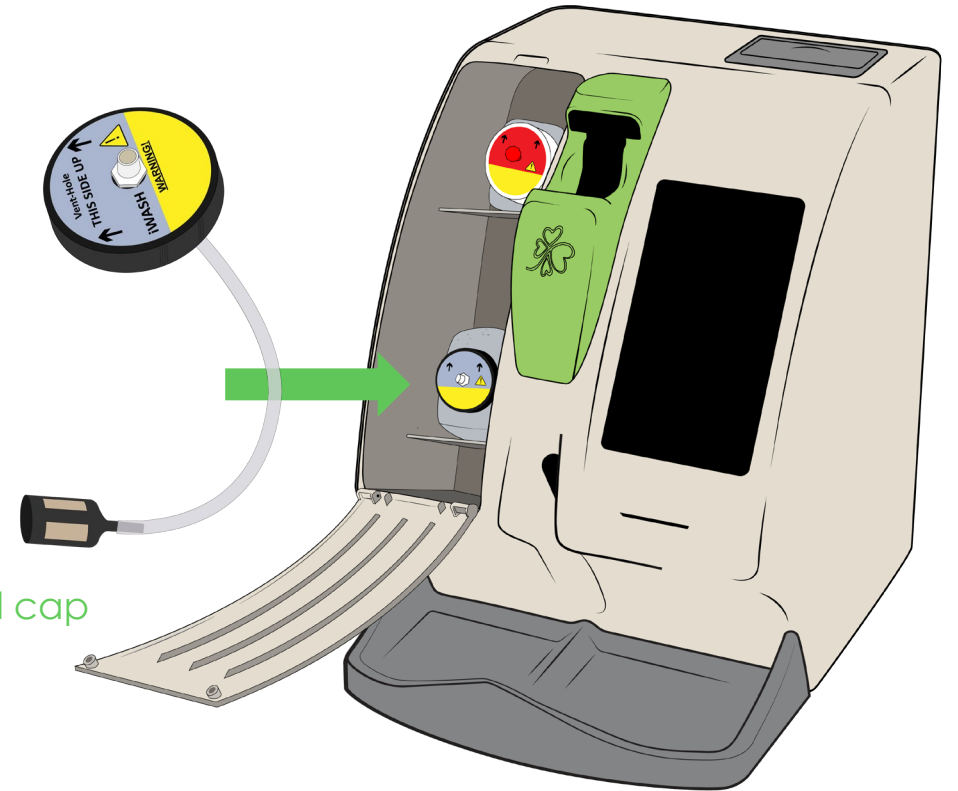
- The sample loading port contains sensors to help prevent injury to the operators' fingers. If you put an object in this area while the wheel is spinning, the wheel will stop for your protection.
- During the sample loading process, the operator may inadvertently invoke the Finger Sensor Safety feature. If this is suspected, simply remove everything from the sample loading port and start over.



iWASH BOTTLE CONNECTION

To install the iWASH bottle:

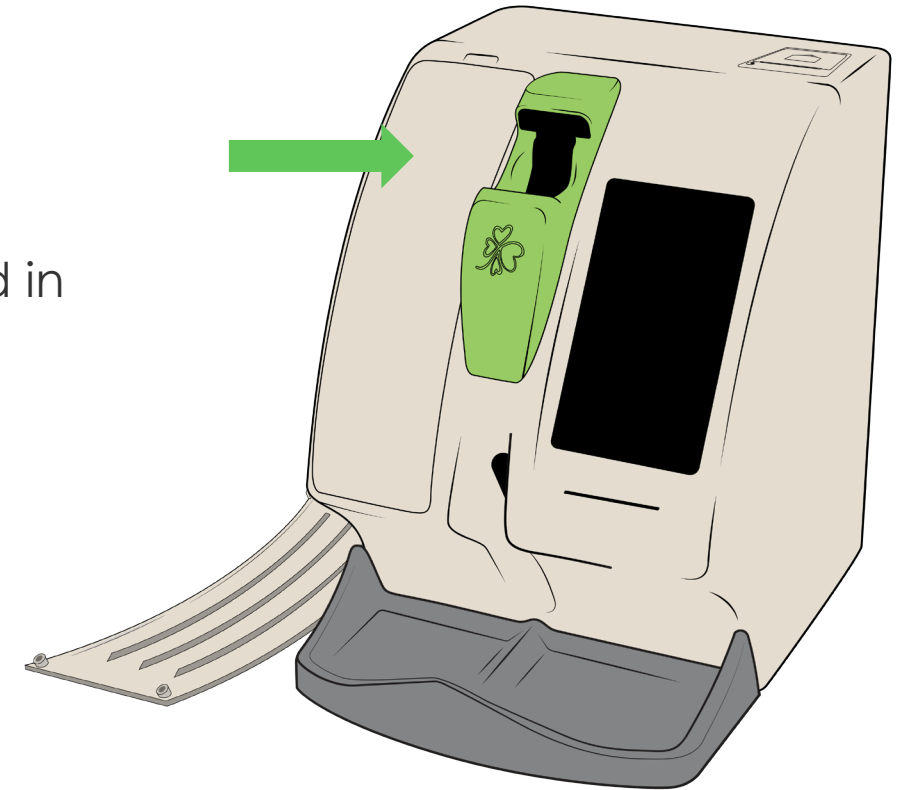
- Open the bottle compartment. The iWASH bottle is located in the lower compartment.
- Connect the tubing connections from the bottle cap.
- Discard the iWASH bottle cap and replace with the **iWASH bottle weighted cap** supplied. **Do not discard the special, weighted wash bottle caps!**
- Close the bottle compartment.



iWASTE BOTTLE CONNECTION

To empty the iWASTE bottle:

- Open the bottle compartment. The iWASTE bottle is located in the upper compartment.
- Connect the tubing connections from the bottle cap.
- Close the bottle compartment.

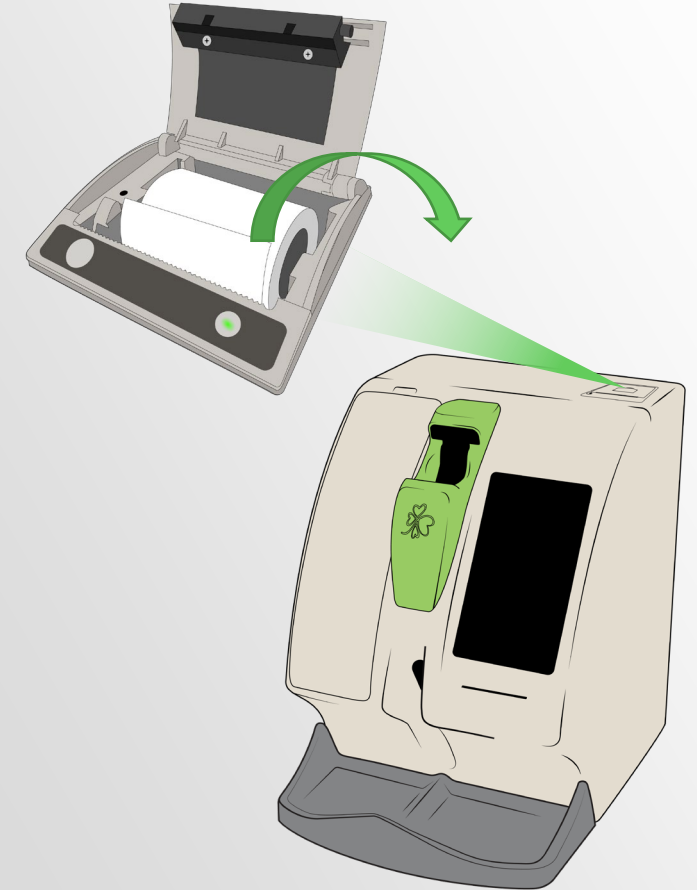


INSTALLING THE PRINTER PAPER

To install the printer paper:

Pull the lever until the lid is released from the locked position.

1. Open the paper cup lid.
2. Insert the thermal paper roll into the printer with the paper unwinding from the bottom of the roll.
3. Reel off a few inches from a new roll of paper. Hold approximately two (2) inches of paper out of the printer as you place the new roll into the reservoir.
4. Close the lid by applying equal amounts of pressure on each side to ensure that the lid is locked.



TOUCH SCREEN & INITIAL SET UP

The iSED user interface is a touch screen graphical display from which all instrument functions can be accessed.

The iSED will recognize when it is being powered up for the first time and will guide the user through the initial set up process of selecting a language and the date/time format (Figures 1 & 2). Once Initial Setup is complete, the analyzer is ready for basic operation (Figure 3).

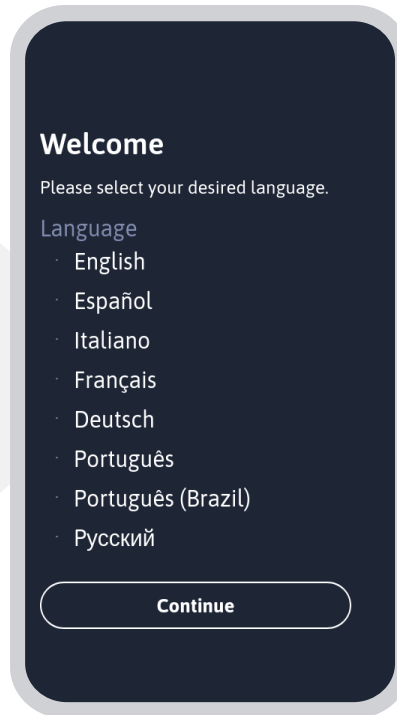
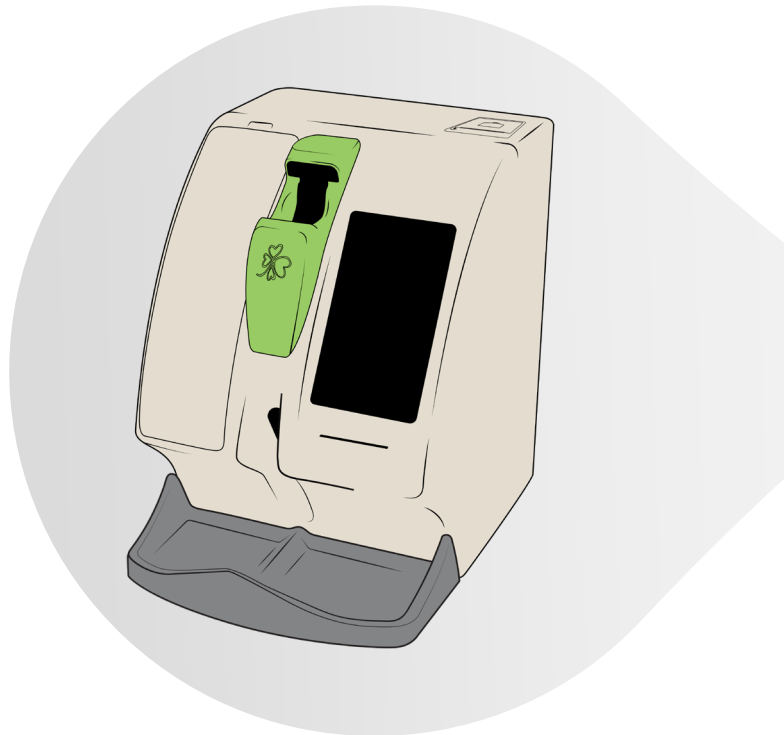


Figure 1

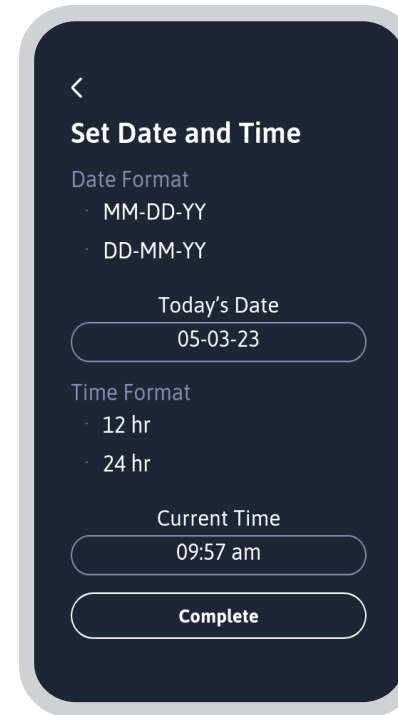


Figure 2

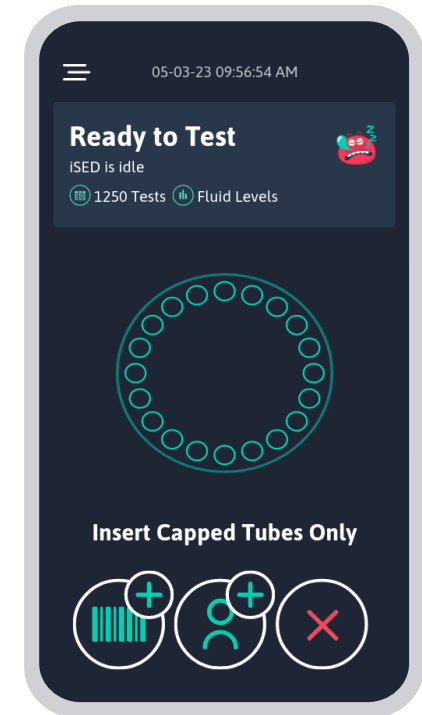
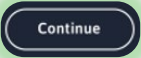



Figure 3

INITIAL QUICK CLEAN

After entering the date and time the iSED initiates a **quick clean**.

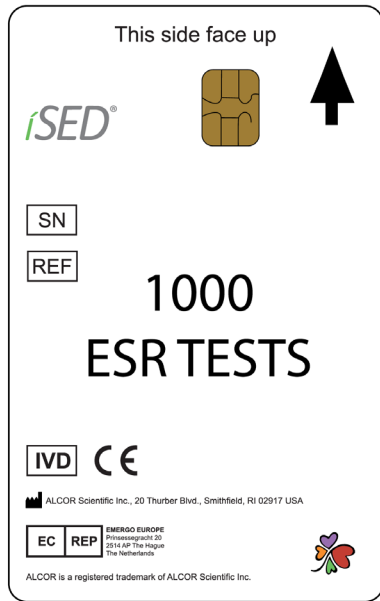
1. iSED will initiate a 30-60 second quick clean.
2. Once the **quick clean is complete**, select the  icon.
3. The  Home screen will appear.
4. iSED is **now ready** for operation.



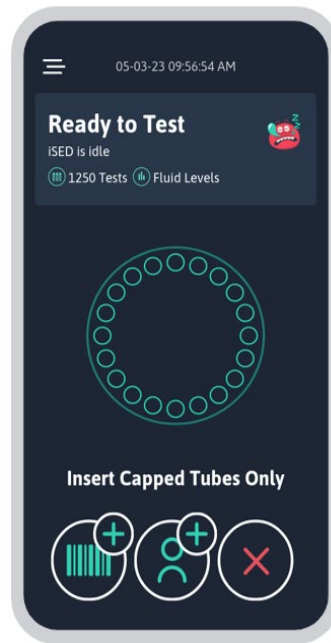
TEST CARDS AND CREDITS

Test Credits are required to operate the analyzer. The instrument is loaded with a predetermined quantity of credits for initial set up and use, however, additional credits in the form of Test Cards must be purchased. Test Credits are downloaded to the analyzer via a pre-loaded Test Card.

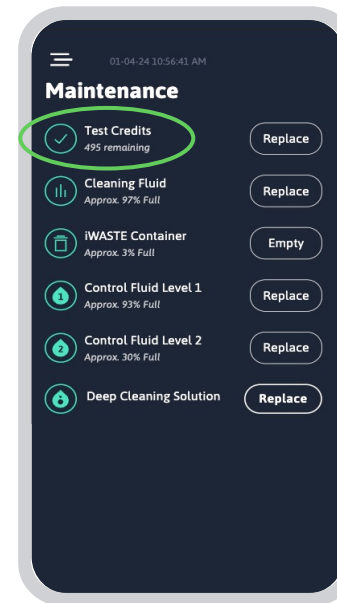
The Home Screen and the Maintenance Menu display the number of Test Credits available.



Test Card



Home Screen



Maintenance Menu

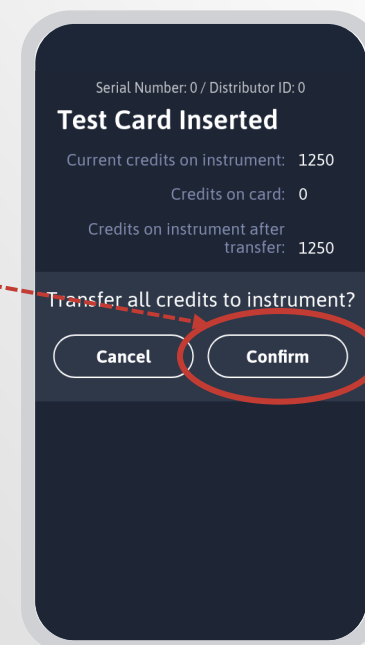
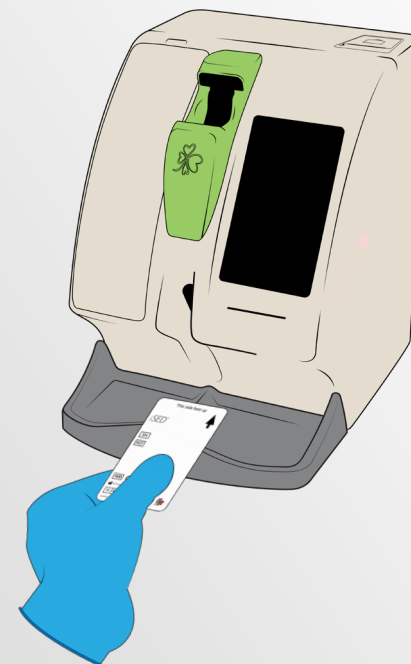
ADDING TEST CREDITS

Test Credits are downloaded to the analyzer via a pre-loaded Test Card.

To download Test Credits:

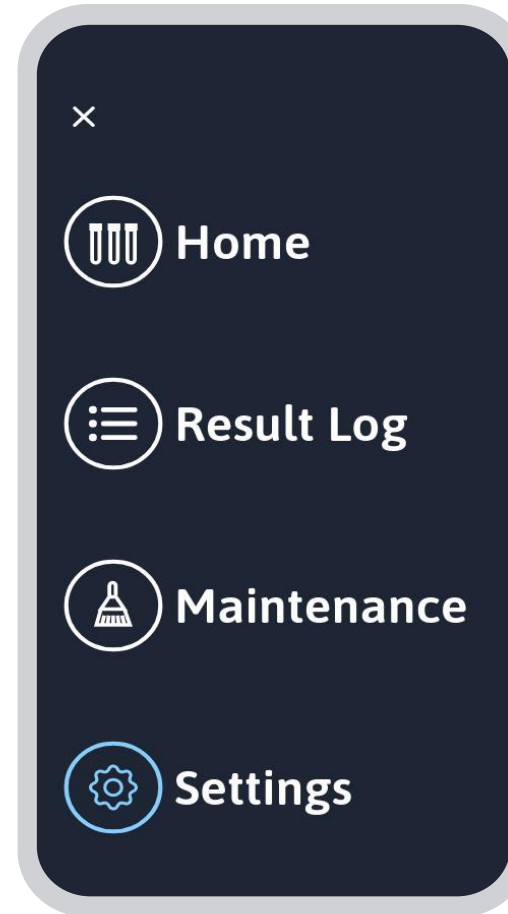
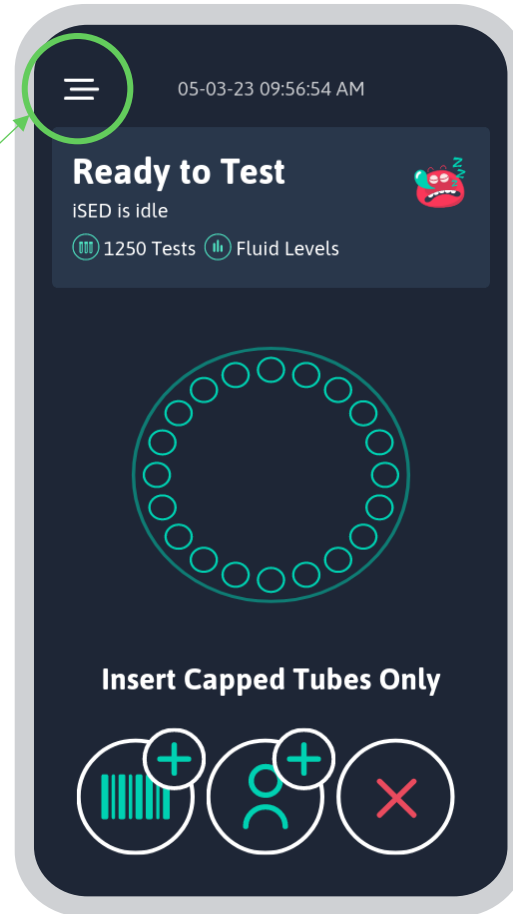
1. Insert your Test Card into the card reader with the arrow facing forward and upward.
2. Once the Test Card is inserted, the next screen will show the number of Test Credits currently on the instrument, the serial number of the card, and the number of Test Credits on the card. If the user taps “Confirm”, all the available credits will be transferred to the analyzer.
3. The new total of available tests will display on the screen. Remove the empty Test Card and discard; **the Test Card cannot be reused.**

Test Credits never expire! Whether loaded on the analyzer or still contained in the Test Card, there is no time limit for you to use available Test Credits.



MAIN MENU

Navigate to the Main Menu screen by pressing the symbol in the upper left-hand corner found on many of the menu screens.



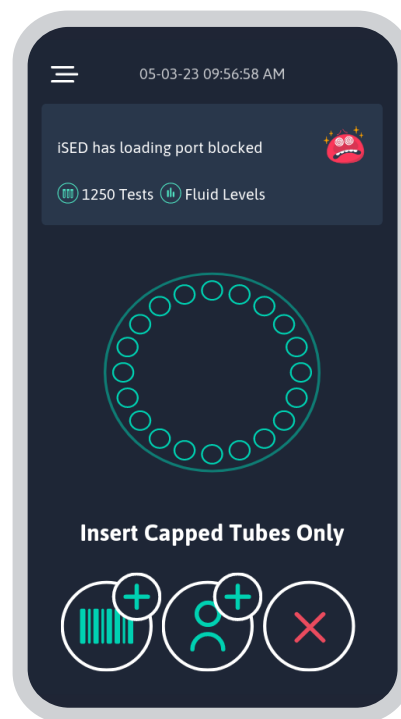
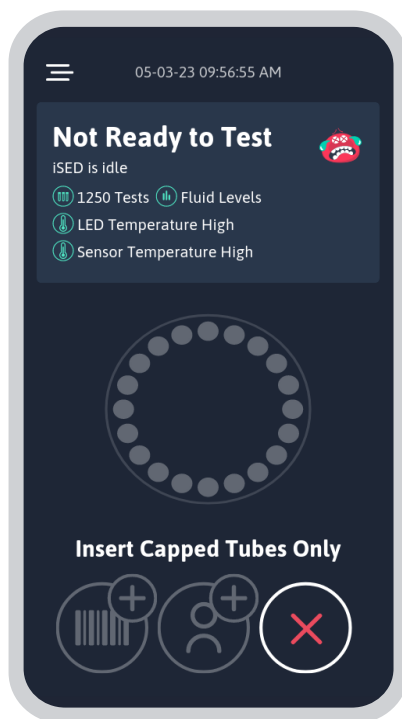
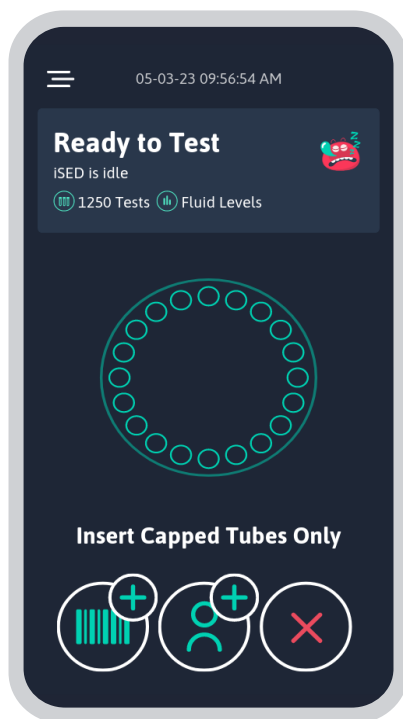
Main Menu screen

From the Main Menu screen navigation to the Result Log, Maintenance and Settings menus can occur.

STATUS WINDOW

The status window at the top of the home screen conveys information regarding the status of the analyzer which is represented by an emoji, 'Sedrick', with a corresponding expression.

Examples of different iSED status windows:



Refer to the iSED Operator's Manual for details about specific messages and solutions.

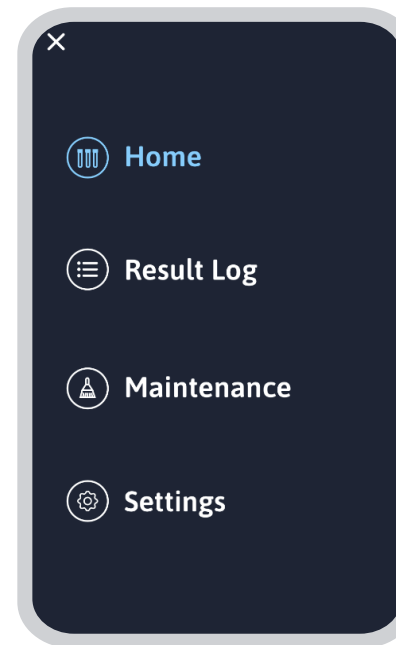
RESTRICTED ACCESS

The Settings sub-menu provides access to functions to customize the operation of the iSED for your laboratory environment. Using the guided Setup process when the instrument is first turned on will preconfigure some of the typical settings at the time of device installation. Subsequent access to configuration settings are enabled via an Admin PIN. **WARNING: Keep the Admin PIN in a secure location. Contact your local Distributor if it becomes lost. Disabling the requirement for Admin PIN entry increases risk of unauthorized access to configuration settings.**

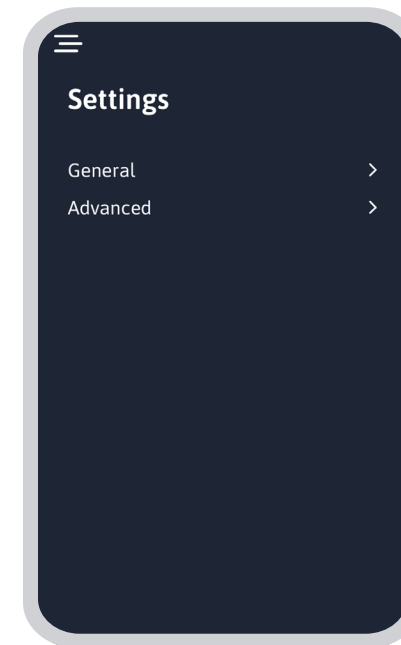
General Settings: -accessible to the user via an Admin PIN (1201).

1. From the Main Menu, select Settings / General.
2. When prompted for the Admin PIN type **1201**.
3. Protection of General Settings can be disabled by selecting the Access option. Toggle OFF the PIN.

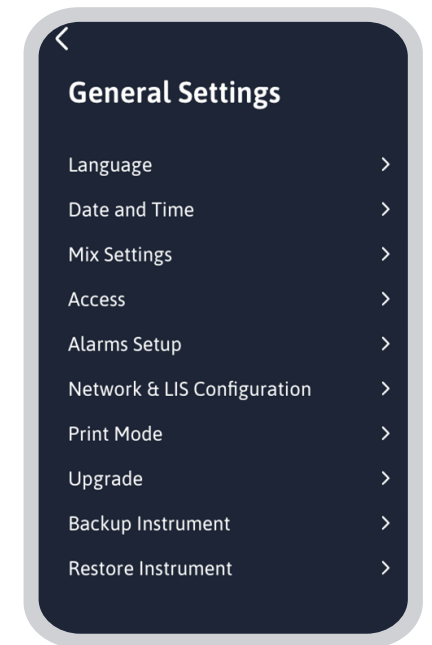
Advanced Settings sub-menu provides the user “Read-only” status of various operational sensors and device settings. **The Advanced Settings level is only accessible to ALCOR® Scientific Technicians or authorized Service personnel.**



Main Menu



Settings Sub-Menu



General Settings Sub-Menu

THANK YOU!



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