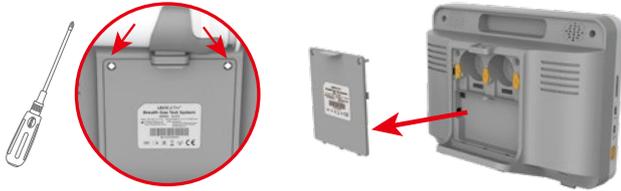


Quick Installation Guide

★ Installation of sensor

1 Disassemble the instrument back panel

Carefully place the instrument on a flat and stable table, unscrew the screws on the back panel of the instrument, remove the back panel.



2 Preparation sensor

Check the sensor aluminum can package if sealed well.



⚠ Open the sensor can carefully. The inside of the opening may have sharp edges. ⚠

3 Installation of sensor



According to the instructions of the slot, put the corresponding Sensor into the slot.

Rotate the yellow swivel knob locking device clockwise until locked.

⚠ The up arrow on the knob needs to be aligned with the down arrow on the notch.

⚠ Do not touch or clean the white sensor film at bottom side. The sensor must be stored in the original unopened package or installed in a UBREATH® Breath Gas Test System.

★ Installation of battery



Open the back cover of the instrument, insert the battery connector plug into the battery connector socket in the direction indicated by the positive and negative poles (red for positive, black for negative) and then place the battery into the battery compartment.

⚠ If the instrument will leave unused for a long time, it is important to disconnect the battery and It is recommended that it is charged every six months.

★ Installation and disassembly of handle



Installation: Insert the tube of the breathing handle into the breathing handle port & make sure it connected closely.



Disassembly: Press and hold the ring on the instrument, then remove the air tube.

⚠ Please keep the cap on the breathing handle when the instrument is unused.



★ Starting up and setting

1. Powering on
Press and hold the power button, the instrument will be turn on and run self-acting check.

2. Setting
Click the "Settings" button at the bottom of homepage to run for system setting.



Quick Installation Guide

☆ Printer connection

The printer can be connected via three ways as:

- 1.WIFI
- 2.LAN
- 3.Direct via USB print port on the instrument by OTG cable.



Product Maintenance Guide

☆ Change battery

1. Turn off the instrument , open the battery cover and remove the old battery.
2. Insert a new battery, model **LP606090x2**, Prefer to the **"Installation of Battery"** of Quick Installation Guide for detail.



☆ Change sensor



1. Disassembly the instrument back panel
2. Disassembly sensor
3. Installation of sensor
4. Installation of back panel

* Please refer to the **"Installation of sensor"** of quick installation guide or use manual for details.

☆ Cleaning and maintenance

1 Cleaning

Turn off the instrument, Use a cotton cloth or swab dipped in a little water or mild soapy to clean and wipe the outer surfaces of the instrument, avoiding the use of disinfectants containing alcohol or similar organic volatiles to clean the instrument.

⚠ DO NOT use spray disinfectant to disinfect breathing handle and instrument.

2 Maintenance

After the instrument is used, it needs to be cleaned and turned on for testing after each day's use. UBREATH® Breath Gas Test System does not require special cleaning and maintenance.

⚠ DO NOT use aerosol or spray disinfectant to clean the instrument.

Since plenty of ethanol or similar organic volatiles can cause permanent damage to the sensor, use disinfectants with caution and avoid using disinfectants containing ethanol or similar organic volatiles around the instrument.

DO NOT touch or clean the sensor membrane.

DO NOT clean the sensor since cleaning the sensor with a disinfectant containing ethanol or similar organic volatiles may cause permanent damage to the sensor.

If the product is not used for a long time, wipe the dust with medical gauze and put it in the packaging box for storage.

Quick Measurement Guide

Online FeNO testing

☆ Emptying of airways

Powering on the instrument → Login to the account → Click the "clean" to empty inner air path. Automatically jumps back to the homepage when the inner air path has been emptied.



☆ Installation of patient filter

Remove the cap of breathing handle, insert the patient filter into the breathing handle, and make sure it linked closely.



☆ On-line oral breath measurement

1 Enter patient's Info

Patient information entry can be done by enter patient information manually, selecting the existing patient and other method.



2 Prescribe the test

Click "FeNO" button, then fill the physician information and check with patient information and precautions. Click "Save" button to prescribe a FeNO test.



Remark: The function of single test or three times can be performed in the system setup interface before testing according to your preference.

3 Perform a test

Click "Start" to enter the testing mode.



Exhale



Inhale



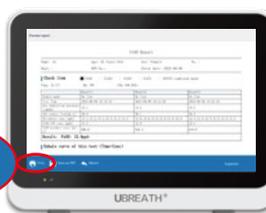
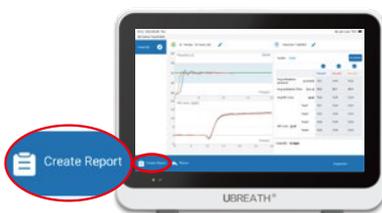
Exhale



Follow the instructions on the screen or voice instructions and start to breath.

4 Report formatting

Click on "Create Report", to view the report and print the report.

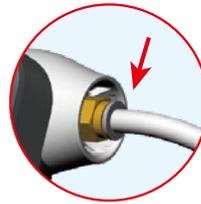


Quick Measurement Guide

Online FnNO testing

★ Installation of nasal filter

1. Press and hold the ring at the handle joint , then remove the air tube.
2. Insert the nasal filter into the air tube and check if it link tightly.



★ FnNO test standard procedure

1 Enter patient's Info

Patient information entry can be done by enter patient information manually, selecting the existing patient and other method.



2 Prescribe the test

Click "FnNO" button, then fill the physician information and check with patient information and precautions. Click "Save" button to prescribe a FnNO test.



Remark: The function of single test or three times can be performed in the system setup interface according to your preference.

3 Perform a test



Follow the instructions on the screen or voice instructions, insert the Nasal filter in one side of nostril and blow the whistle, Once the whistle is stable, click "Start" to go for exhaust air in nasal cavity.

4 Report formatting

Click on "Create Report", to view the report and print the report.



Troubleshooting Guide

The following table refers some of the issues that can occur with your Test & Measurement products and provides useful troubleshooting steps to help you resolve an issue yourself.

| Issues | Cause | Solution |
|--------------------------|---|--|
| Failed to power on | The battery is completely exhausted or the battery is not connected | Reuse after charging or properly connecting |
| Charging without display | Type-C USB port is not tightly plugged, poor contact of charging cable or faulty charging adapter | Re-plug Type-C USB port or replace charging cable and charging adapter |

Statement: This product will always be repaired by our technicians, who will be provided with circuit diagrams, lists of components, illustration, correction details, or the necessary information to repair the equipment components as specified by the manufacturer.