Fenom Flo™

FeNO Monitoring System
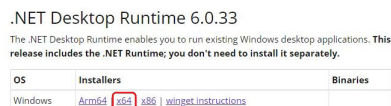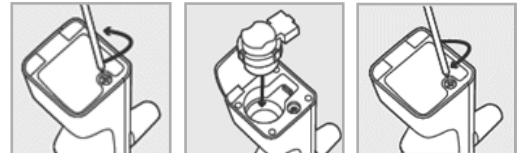## QUICK START GUIDE

Testing with the Fenom Flo™ device requires device-specific test credits (purchased by contacting technical support).

||| SYSTEM INSTALL

1. Microsoft .NET runtime package 6.0 must be loaded to run the Fenom Flo application
   .NET Desktop Runtime 6.0 can be loaded from the following website and then selecting x64:
   https://dotnet.microsoft.com/en-us/download/dotnet/6.0 and selecting x64

   .NET Desktop Runtime 6.0.33
   The .NET Desktop Runtime enables you to run existing Windows desktop applications. This release includes the .NET Runtime; you don't need to install it separately.

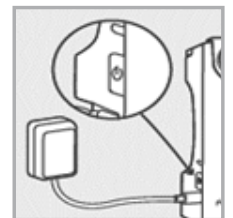 | OS | Installers | Binaries |
   |---|---|---|
   | Windows | Arm64   x64   x86 \| winget instructions | |

2. Install the Fenom Flo software onto the Operating System.
3. Install the Sensor
   - Loosen the screw with a provided screwdriver and open the sensor door.
   - Place the sensor into the bottom of the device. Press down on it firmly but gently until you feel resistance and it doesn't move any further.
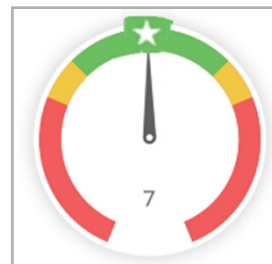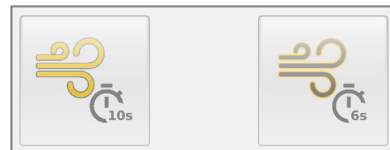   - Close the door and tighten the screw.

||| POWER AND CONNECTION

1. Plug in the Fenom Flo device to allow for charging. Testing can be performed after the device has greater than >5% charge.
2. Power the Fenom Flo device on by pressing and releasing the power button.
3. Pair the Fenom Flo device with the operating system.
   NOTE: If pairing with a Windows 11 device, the 'Bluetooth devices discovery' setting must be set to 'Advanced' for the device to be visible for pairing.
4. Open the Fenom Flo app on the operating system by double-clicking on the Fenom Flo Application.
5. Observe the icons in the upper right-hand corner to ensure the device is paired correctly via Bluetooth 🟦, has an appropriate charge 🔋, and Operating conditions are within range 🟢.

MGC DIAGNOSTICS®

▌▌▌ PATIENT TESTING

1. Grasp the Fenom Flo Device.
   Important – Do not touch airway opening.
2. Install single-patient-use mouthpiece. Press firmly to ensure the mouthpiece is securely connected to the device.
3. Select a 10-second or 6-second test when ready to measure FeNO.
   - Per the 2022 ERS Technical standard, the 10-second mode is recommended for adult patients, and the 6-second mode is recommended for pediatric patients and adults who cannot perform the 10-second mode.
4. Instruct the patient to do the following:
   - Hold the device firmly in one or both hands.
   - Sit up straight, with feet flat on the floor.
   - Inhale naturally through the mouth and inflate your lungs fully.
   - Place your mouth on the mouthpiece, ensuring a tight seal.
   - Exhale gently, gradually increasing your exhalation until you can keep the needle in the green range.
   - Stop exhaling immediately when the time gets to zero, and the Stop icon appears on the screen.
   - Repeat the effort if an error message is displayed, paying attention to the information contained in the error message regarding how to coach the patient.

NOTE: The tutorial is available for use by a new patient to demonstrate the steps for performing a FeNO test.

5. Press the Exit button and Power the Fenom Flo device off by holding the power button for 5 seconds and then releasing.
6. Dispose of single-patient-use mouthpiece.

▌▌▌ CLEANING AND STORAGE

1. Press the EXIT button when finished and power off the device.
2. Gently clean with 5% bleach wipes and let dry.
3. Charge device.

Please reference the full Fenom Flo Operator Manual for detailed instructions: PN: 142255-001.

DEVICE INDICATOR LED KEY		
Off	Purple (Solid): Initializing hardware	
Blue (Flashing): Searching for Bluetooth host	Orange (Solid): Initializing flash storage	
Blue (Solid): Connected to Bluetooth host	Cyan (Solid): Analyzing environmental conditions	
Yellow (Solid): Battery < 20%		
Red (Solid): Battery < 5%		
Red (Flashing): Error Condition		