

FENO TESTING DESIGNED TO FIT CLINICAL WORKFLOW

Fenom Flo™ is the only portable FeNO device approved for a 6-second breath maneuver in both adults and pediatric patients.



INTRODUCING THE FENOM FLO™:

A Portable FeNO Monitoring System Designed for Point-of-Care Use



WHAT IS FeNO TESTING?

FeNO testing measures fractional exhaled nitric oxide (FeNO), a biomarker associated with airway inflammation, a common feature of asthma and other respiratory conditions

BENEFITS OF FeNO TESTING

EFFICIENT RESULTS:

Provides FeNO results in 25 seconds using a short, patient-friendly breath maneuver.

SUPPORTS ASSESSMENT:

FeNO testing provides objective insight into airway inflammation and is recognized as a useful adjunct to established respiratory assessment.

INFORMED DECISIONS:

FeNO results provide objective information to support informed clinical assessment and discussion.



HOW FENOM FLO™ CAN HELP

SIMPLE TO USE:

Approved for a 6-second breath maneuver for adults and pediatric patients ages 7 and older (with an optional 10-second capability).

DIRECT SAMPLING:

No need for specimen collection, preparation, or reagents.

PORTABLE AND CONVENIENT:

Handheld, portable design supports point-of-care testing across clinical settings.



PATIENT MOUTHPIECE

A single-patient-use non-sterile filter is required for patient testing.



PATIENT TESTING FILTER

The pulmonary function filter incorporates a unique oval mouthpiece designed to enhance patient comfort and support infection control during testing.

CLEANING AND DISINFECTING

The Device should be cleaned and disinfected after each use. The following wipes are known to be compatible with Fenom Flo:

- Dispatch Hospital Cleaner with Bleach
- Clorox Healthcare Bleach
- Cleansept Wipes
- Sani-Cloth AF3
- Sani-Cloth Active
- Clinell Universal Sanitizing Wipes

DO NOT use spray detergents.

DO NOT use wipes that contain alcohol, as alcohol can damage the sensor.

Fenom Flo™ Operating Conditions	
Temperature Range	59-95°F (15-35°C)
Atmospheric Pressure	570- 825mmHg (76 - 110 kPa) Long-term exposure to pressures outside this range will shorten the Device's lifespan and accuracy.
Relative Humidity	20 to 90%, non-condensing (A range of 40 to 60% is recommended). Long-term exposure to a low humidity environment can damage the NO sensor.
Fenom Flo™ Specifications and Technical Data	
Dimensions and Weight	Height: 8.46 in (215 mm) Width: 2.68 in (68 mm) Depth: 3.74 in (95 mm) Weight: 12.75 oz (362 g)
Electrical Data	Device power consumption: <15 W Power supply mains voltage: 100-240 V - 50-60 Hz
Linearity	Slope 1.00 ± 0.05 Squared correlation coefficient, $r^2 \geq 0.998$
Accuracy	NO concentrations ≤ 50 ppb: ± 5 ppb NO concentrations > 50 ppb: ± 10% of the concentration
Limit of Detection	5 ppb
Measurement Range	5-300 ppb
Exhalation Parameters	Exhalation time: 6 seconds or 10 seconds Exhalation pressure is between (5.7-18.8 cm H ₂ O) 0.56 and 1.84 kPa Exhalation flow rate is 45-55 mL/s: warning sounds played outside of this range
IP rating	20
Repeatability	2.5 ppb or 5%
Operating System Specifications	Windows 11 (Pro, Enterprise or LTSC) Microsoft.NET 6.0 Bluetooth Version 4.0 or later

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