



Fenom  
Pro



A new standard in asthma monitoring  
FeNO measuring device



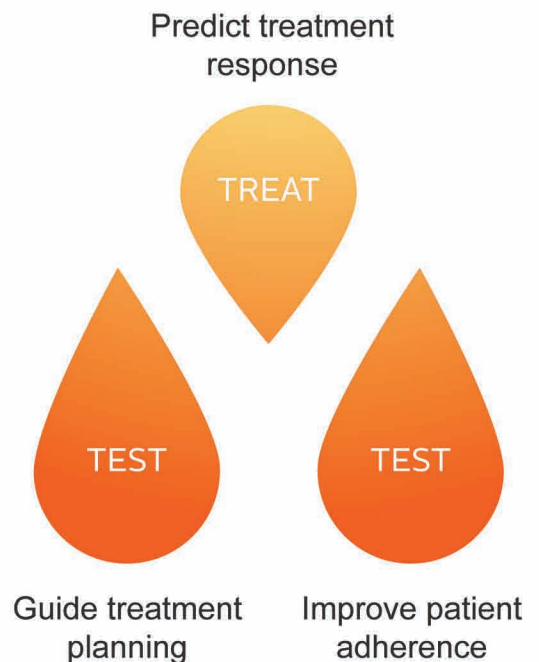
## A cycle for managing inflammation

One FeNO test can only tell you so much. Integrating ongoing FeNO testing alongside standard asthma care practices can help harmonize personalized treatment guidance, dose titration, and patient adherence.

We call this cyclical process Fenom Test-Treat-Test™

This FeNO-based inflammation control cycle helps manage treatment for patients with allergic asthma. Monitoring FeNO over time can help physicians anticipate exacerbations, validate seasonal factors, and preemptively adjust treatment.

With the Fenom System™, it's easy to integrate Fenom Test-Treat-Test into the clinical care process, with results available in just 28 seconds



## What is Fenom?

The centerpiece of the Fenom System, the Fenom Pro™ Asthma Monitor, is a new FeNO testing device that brings clarity to allergic asthma management at the point of care.

### Fenom Pro™ Asthma Monitor

A finely-tuned instrument for guiding preventative treatment decisions

A rising FeNO level is an early sign of worsening eosinophilic inflammation. Orchestrate treatments with confidence by tracking your patients' FeNO on every visit.

### Who can benefit from Fenom?

- Patients with suspected or confirmed allergic asthma who are being considered for, or treated with, ICS
- Specialists treating allergic asthma, including pulmonologists and allergists



## What sets Fenom apart?

### Reliable Value

- Accurate results you never have to question:  $\pm 5$  ppb or 10% maximum
- You only pay for successful tests
- Purchased tests do not expire
- Point-of-care testing promotes better adherence

### Convenient Use

- Fast 10-second test time for adult patients; 6-second test time for children < 12 years old
- Patients breathe into the device just before other spirometry; results are ready 28 seconds later
- Easily integrated into your existing workflow

### Intuitive Design

- Simple and straight forward clinical application
- Comfortable hardware, mouth pieces, and ergonomic grip



Get in tune with your patients  
Introducing a new way to bring clarity to allergic asthma management

## General outline for FeNO interpretation

Symptoms refer to cough and/or wheeze and/or shortness of breath\*

Symptom Assessment	FeNO < 25ppb (<20 ppb in children)	FeNO 25-50 ppb (20-35 ppb in children)	FeNO > 50 ppb (>35 ppb in children)
		Diagnosis	
Symptoms have occurred during the past 6+ weeks	<ul style="list-style-type: none"> <li>• Eosinophilic airway inflammation unlikely</li> <li>• Alternative diagnoses</li> <li>• Unlikely to benefit from ICS</li> </ul>	<ul style="list-style-type: none"> <li>• Be cautious</li> <li>• Evaluate clinical context</li> <li>• Monitor change in FeNO over time</li> </ul>	<ul style="list-style-type: none"> <li>• Eosinophilic airway inflammation present</li> <li>• Likely to benefit from ICS</li> </ul>
	Monitoring (in Patients with Diagnosed Asthma)		
Symptoms are present	<ul style="list-style-type: none"> <li>• Possible alternative diagnoses</li> <li>• Unlikely to benefit from increase in ICS</li> </ul>	<ul style="list-style-type: none"> <li>• Persistent allergen exposure</li> <li>• Inadequate ICS dose</li> <li>• Poor adherence</li> <li>• Steroid resistance</li> </ul>	<ul style="list-style-type: none"> <li>• Persistent allergen exposure</li> <li>• Poor adherence or inhaler technique</li> <li>• Inadequate ICS dose</li> <li>• Risk for exacerbation</li> <li>• Steroid resistance</li> </ul>
Symptoms are absent	<ul style="list-style-type: none"> <li>• Adequate ICS dose</li> <li>• Good adherence</li> <li>• ICS taper</li> </ul>	<ul style="list-style-type: none"> <li>• Adequate ICS dosing</li> <li>• Good adherence</li> <li>• Monitor change in FeNO</li> </ul>	<ul style="list-style-type: none"> <li>• ICS withdrawal or dose reduction may result in relapse</li> <li>• Poor adherence or inhaler technique</li> </ul>

Definition of abbreviations: FeNO = fraction of exhaled nitric oxide; ICS = inhaled corticosteroid.

\* The interpretation of FeNO is an adjunct measure to history, physical exam, and lung function assessment.

1. R. A. Dweik, et al, Am. J. Respir., 2011; vol. 184, pp. 602-615.

## Technical Specifications

<b>Display</b>	5.5" Color LCD Touch Screen
<b>Dimensions and weight</b>	Height: 145 mm, Width: 230 mm, Depth: 140 mm Weight (including handpiece): 2.4 kg
<b>Electrical data</b>	Device power consumption: < 20 VA Power supply mains voltage: 100–240 V ~50-60 Hz
<b>Operating Range</b>	Ambient temperature between 15-30°C (59-86°F) Relative humidity between 20-80% Ambient pressure between 80-106 kPa
<b>Measurement range</b>	5 ppb to 300 ppb
<b>Measurement time</b>	Results will display in 28 seconds
<b>Precision</b>	< 5 ppb or 10% of concentration
<b>Accuracy</b>	±5 ppb or ±10% of concentration
<b>Limit of detection</b>	5 ppb
<b>Exhalation parameters</b>	Adult mode exhalation time: 10 seconds Child mode exhalation time, for ages 11 and under: 6 seconds Exhalation pressure is between 15-25 cm-water Exhalation flow rate is between 45-55 mL/s
<b>Rechargeable battery</b>	Capacity: 6 hours on a fully charged battery Charging time: 4 hours



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