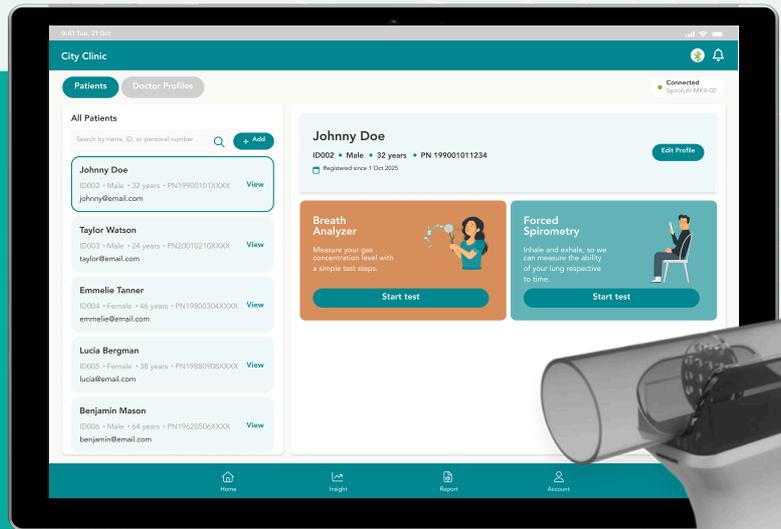


Spiroluft

Advanced Respiratory Analyser

Breathe smarter with a next-generation portable lung health monitor featuring **Dual-Sensor Technology***. The device measures Spirometry and **FE_{CO}** (Fractional Exhaled Carbon Monoxide) to enable early detection, personalized COPD/asthma care, and smoking-related disease tracking, ideal for patients and primary care.



*patent pending

with

FE_{CO}



Key Features

- ✓ **FE_{CO} (Fractional Exhaled Carbon Monoxide)**
Spiroluft Measures the concentration of carbon monoxide in exhaled breath, providing an objective indicator of recent tobacco smoke exposure and supporting smoking cessation monitoring and respiratory risk assessment.
- ✓ **FVC, FEV1, and PEF Measurement**
The essential respiratory parameters to support diagnosis and monitoring of respiratory conditions such as asthma, COPD, and other pulmonary diseases.
- ✓ **Dual-Sensor Technology (DST)**
Equipped with high-precision sensors and a rechargeable long-life battery for a reliable and continuous use.
- ✓ **Clinic Dashboard**
Monitor patients at a glance with easy access to a real-time data in a seamlessly integrated dashboard that support treatment recommendation and care planning.
- ✓ **Comprehensive Data Management**
Securely store test results, analyze long-term trends, and share reports seamlessly with Electronic Health Records (EHR)* systems.
- ✓ **Comfortable by Design with Limited Maintenance**
Portable and ergonomic, finished with a smooth and easy-to-clean surface with sustainable materials.
- ✓ **Personalized Health Experience**
Stay on top of your wellbeing with trend analysis, smart alerts, and tailored health tips.

“ Accurate Parameters for Deeper Insights ”

Practical Applications

-  **Health Monitoring**
Easy access to support preventive care decision and treatment recommendation.
-  **Clinical Settings**
Ideal for hospitals, clinics, and respiratory therapy centres.
-  **Wellness Programs**
A valuable tool for wellness and smoking cessation programs.



*in progress

Spiroluft



Why Choose Our Respiratory Analyser?

Spiroluft is designed to empower you with the knowledge and tools needed to take control of your respiratory health. Whether you're a healthcare professional looking for reliable diagnostic tools or an individual aiming for better health, our device provides the accuracy, convenience, and insights you need.

Core Benefits for Clinical Settings

Early Detection and Monitoring

Identifies respiratory issues at an early stage, enabling timely intervention and long-term health management.

Versatile Application

Suitable for patients with various respiratory conditions, as well as for fitness assessments and occupational health screenings.

Enhanced Patient Engagement

Motivates patients with visual feedback and progress tracking, especially in smoking cessation programs.

Technical Specifications

FE_{CO} (Fractional Exhaled Carbon Monoxide)	±0.1ppm (parts per million)
Spirometer accuracy	±2% or ±0.05 L (whichever is greater)
Respiratory Rate	0 - 125 bpm (breaths per minute)
Dimensions	150mm x 70mm x 40mm
Weight	250g
Display	Versatile mobile application
Battery life	Up to 12 hours of continuous use
Data storage	Cloud-based environment
Connectivity	Bluetooth, USB

Included Accessories

- Spiroluft device
- Disposable mouthpiece
- USB charging cable
- User manual
- Carrying case
- Calibration certificate