

# Goodbye Body Box Hello MiniBox™ :)

MiniBox is the world's first desktop, gasless device for lung volumes measurements, as well as spirometry and diffusion testing, in the physician's clinic.

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Pulmone  
PFT Outside The Box



# MiniBox+

## Complete Pulmonary Function Testing (PFT)

### Cabinless Plethysmography, Spirometry & Diffusion Testing

The MiniBox+ is the only portable, cabinless pulmonary function test (PFT) machine with gasless LVM plethysmography, as well as spirometry and diffusion testing (DLCO). With as little as 60 seconds of tidal breathing required for Lung Volume Measurements, this gasless, cabinless system provides maximum patient comfort.

FULLY COMPLIANT WITH ATS/ERS GUIDELINES

#### **Spirometry**

Complete set of 30+ parameters including FEV<sub>1</sub>, FVC, SVC, MVV

#### **Lung volumes - in as little as 60 sec**

Same volumes as body plethysmography including TLC, FRC, RV - with proven equivalency to body box

#### **Diffusing capacity**

DLCO, VA, DLCO/VA - Single breath method

#### **ACCURATE & REPEATABLE**

Automatically generated results

#### **FULL SELECTION OF PREDICTED EQUATIONS**

GLI reference values are standard for both Spirometry and Diffusion

#### **PEDIATRIC USE**

Measurements can be taken on children from age 5

#### **SHORT TESTING TIME**

Complete PFTs in as little as 15-20 minutes

#### **GASLESS & CABINLESS PLETHYSMOGRAPHY**

No sensation of claustrophobia; Can test obese, wheelchair-bound, or bedridden patients

#### **MINIMAL TURNAROUND TIME BETWEEN PATIENTS**

5-minute wipe-down, self-calibration, mobility for uninterrupted patient flow during room ventilation

#### **CONNECTIVITY (OPTIONAL)**

HL7 compliant, easily configurable, integrates with all major EMR systems



# MiniBox+ meets ATS/ERS Guidelines. And goes beyond.

American Thoracic Society/European Respiratory Society Guidelines

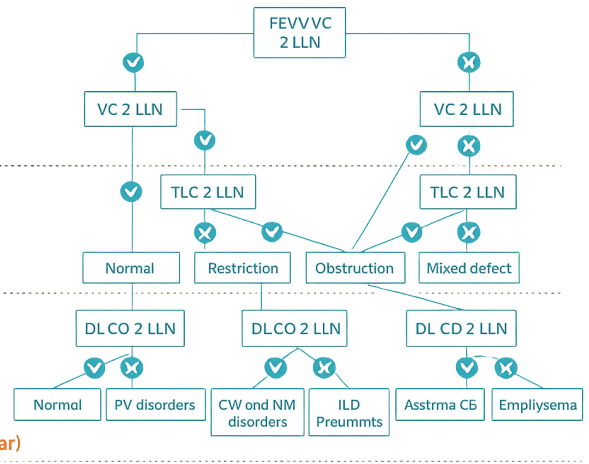


MiniBox+

Spirometry

Lung Volumes

Diffusing Capacity (modular)



## MiniBox+ lung volumes shown to be equivalent to body box in multi-center study

In a groundbreaking multi-center study published in CHEST in February 2021, lung volumes measured with the MiniBox+M were shown to be equivalent to body plethysmography ("body box") in both healthy participants as well as those with lung disease

### Multi-center study



266 subjects



5 leading medical centers



Compared with 3 different Body Box devices



All ages, respiratory disorders, genders, and severity

### Study results

MiniBox+ lung volumes were more reproducible and correlated better with body plethysmography than other leading office-based techniques

### Performs Spirometry, Lung Volume Plethysmography & DLCO

Complete PFT testing time	30-45 min.	As little as 20 min.	Complete PFT testing time	30-45 min.	As little as 20 min.
Easy set-up and operation	⊗	✓	Lung Volume Measurement: Relaxed Tidal Breathing	⊗	✓
Desktop or cart-mounted	⊗	✓	No wait time between efforts	⊗	✓
Portable, can be moved between rooms	⊗	✓	ROI within 7 weeks (at 5 patients per day)*	⊗	✓
Lung Volume Measurement: Fully automatic	⊗	✓	Can easily test wheelchair-bound patients	⊗	✓
Lung Volume Measurement: As little as 60 sec.	⊗	✓	Can easily test obese patients	⊗	✓
Lung Volume Measurement: Relaxed Tidal Breathing	⊗	✓	Can easily be moved for bedside testing	⊗	✓

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