

MiniBox+

Complete PFT. Easy. Accurate. Desktop.

MiniBox+™ is the world's first desktop, gasless, cabinless device for lung volume measurements, as well as spirometry and diffusion testing, in any clinical setting.



EASY

Easy to operate with minimum set-up. Fully automatic LVM and DLCO measurements. All results automatically generated.



ACCURATE

Clinically validated in over 500 patients at 8 medical centers, based on comparative data from leading body plethysmography devices.



DESKTOP

With this desktop, affordable device you can make complete Pulmonary Function Testing (PFT) more accessible to patients while expanding your medical practice.

Also available in MiniBox configuration for spirometry and LVM only

Meet MiniBox+ :)

Complete, Point-of-Care Pulmonary Function Testing (PFT)

Desktop Lung Volumes,
Spirometry & Diffusion Testing

Easy to use, MiniBox+ provides accurate and repeatable, fully automatic measurements of Total Lung Capacity (TLC) and Residual Volume (RV), as well as Spirometry and Single Breath CO Diffusion (DLCO).

FULLY COMPLIANT WITH ATS/ERS GUIDELINES:

SPIROMETRY

Complete set of 30+ parameters including FEV1, FVC, SVC, MVV

LUNG VOLUMES

Same volumes as body plethysmography including TLC, FRC, RV

DIFFUSING CAPACITY

DLCO, VA, DLCO/VA



PATENTED, FIRST-OF-ITS-KIND METHOD

Gasless, cabinless lung volume measurements with less than 2 minutes of tidal breathing

USER-FRIENDLY

Intuitive user interface, customizable reports, and a wide range of data export options

EMR CAPABILITIES

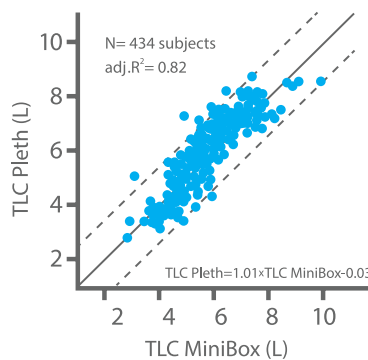
Compatible with current EMR systems

FULLY AUTOMATIC LVM AND DLCO

Manual measurement optional

ACCURATE & REPEATABLE

Automatically generated results minimize technician bias



Oral Presentation at ERS 2013.
Poster at ATS 2014.

FULL SELECTION OF PREDICTED EQUATIONS

Based on wide range of ethnicities

PEDIATRIC USE

Measurements can be taken on children from age 4

COMPLETELY REIMBURSABLE

All tests have a CPT code

MULTI-LANGUAGE CAPABILITIES

For multi-cultural locations

MINIMAL DOWNTIME

Replacement device provided promptly

WORLDWIDE TECHNICAL SUPPORT

Including easy software upgrades

HIGH QUALITY DISPLAY

Full HD 10.8-inch screen



A typical lung volumes test

MiniBox+

Technical Specifications

General

Spirometry Measurements	According to ATS/ERS guidelines
Lung Volume Measurements	TLC, TGV (FRC), RV, IC, ERV, VC
DLCO Measurements	DLCO, VA, DLCO/VA
Volume accuracy	±3% or 50 mL
Flow accuracy	±5% or 200 mL/s
Flow range	±16 L/s
Pressure range	±1 PSI, Bi-directional
Dynamic resistance at 14L/s (spirometer)	<0.7 cmH ₂ O/(L/s)

Standards Compliance

Electrical	IEC 60601-1
EMC	IEC 60601-1-2

Physical

Full HD screen	10.8"
Dimensions	510x470x310 mm/ 20x18.5x12 in
Weight	10Kg / 22lb

Valve

Closing duration	100 ms
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Electrical

Power	100-240VAC, 50-60Hz
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Gas Analyzer

Spectrometer	Infrared (CO, CH ₄)
Range	0-0.35%
Calibration	Automatic with quality control

With less than 2 minutes of tidal breathing required for Lung Volume Measurements (LVM), this gasless, cabinless system provides maximum patient comfort.

DIFFUSING CAPACITY (DLCO) TESTING WITH:

SINGLE BREATH METHOD

The gold standard for DLCO testing

OPTIMAL GAS MIXTURE (CO, CH₄)

For efficient and rapid measurement of patient samples

AUTOMATED AND RAPID CALIBRATION

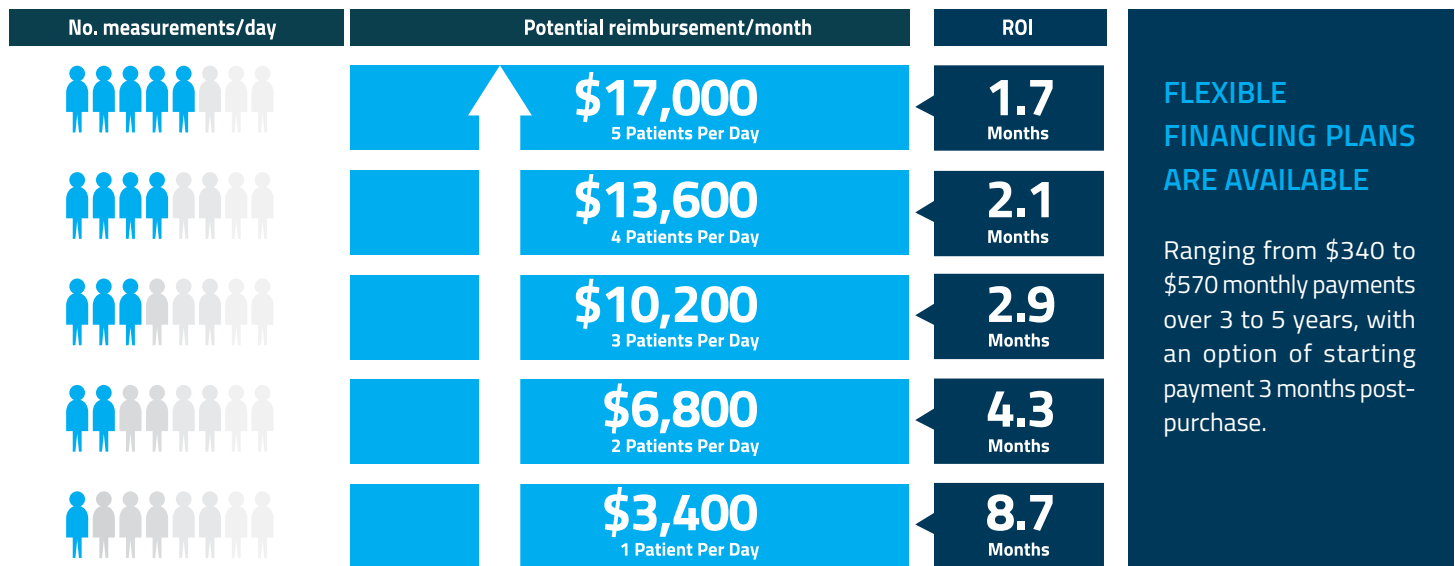
Performed prior to each measurement, assures accuracy and repeatability



Complete mobility with dedicated MiniBox+ cart

MiniBox+ economics in your office practice

With MiniBox+, you can expand your medical practice while making Pulmonary Function Testing (PFT) more accessible to patients. Full reimbursement for all testing measurements ensures a viable model for better patient care and better economics.



MKT008 rev/03

All MiniBox+ Pulmonary Function Tests are eligible for FULL reimbursement:

CPT code	Definition
94010	Forced vital capacity - breathing capacity test
94060	Pre vs. Post bronchodilator - breathing capacity test
94200	Maximum breathing capacity
94726	Total lung capacity - determination of lung volume/plethysmography
94729	Diffusing Capacity

Consult with your financial advisor about the Section 179 tax benefits associated with the purchase of MiniBox+.

Expand your practice today. With MiniBox+.

ABOUT US

PulmOne is a global medical technology company dedicated to providing innovative solutions for complete Pulmonary Function Testing (PFT) in any clinical setting. At PulmOne, we develop patient-friendly, hassle-free, and budget-conscious devices that deliver a wide range of accurate measurements for the diagnosis, treatment, and monitoring of respiratory diseases.

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