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

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

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

FULL AUTOMATIC LVM AND DLCO
Manual measurement optional

ACCURATE & REPEATABLE
Automatically generated results minimize technician bias

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

FULL SELECTION OF PREDICTED EQUATIONS
Based on wide range of ethnicities

PEDIATRIC USE
Measurements can be taken on children from age 4

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

Oral Presentation at ERS 2013.
Poster at ATS 2014.

A typical lung volumes test
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**

**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

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**MiniBox+ Technical Specifications**

<table>
<thead>
<tr>
<th>General</th>
<th>According to ATS/ERS guidelines</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spirometry Measurements</td>
<td></td>
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<tr>
<td>Lung Volume Measurements</td>
<td>TLC, TGV (FRC), RV, IC, ERV, VC</td>
</tr>
<tr>
<td>DLCO Measurements</td>
<td>DLCO, VA, DLCO/VA</td>
</tr>
<tr>
<td>Volume accuracy</td>
<td>±3% or 50 mL</td>
</tr>
<tr>
<td>Flow accuracy</td>
<td>±5% or 200 mL/s</td>
</tr>
<tr>
<td>Flow range</td>
<td>±16 L/s</td>
</tr>
<tr>
<td>Pressure range</td>
<td>±1 PSI, Bi-directional</td>
</tr>
<tr>
<td>Dynamic resistance at 14L/s (spirometer)</td>
<td>&lt;0.7 cmH2O/(L/s)</td>
</tr>
</tbody>
</table>

**Standards Compliance**

| Electrical                                    | IEC 60601-1                      |
| EMCA                                          | IEC 60601-1-2                    |

**Physical**

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

**Valve**

| Closing duration                              | 100 ms                          |

**Electrical**

| Power                                         | 100-240VAC,50-60Hz              |

**Gas Analyzer**

| Spectrometer                                  | Infrared (CO,CH4)               |
| Range                                         | 0-0.35%                         |
| Calibration                                  | Automatic with quality control  |

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.

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

<table>
<thead>
<tr>
<th>CPT code</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>94010</td>
<td>Forced vital capacity - breathing capacity test</td>
</tr>
<tr>
<td>94060</td>
<td>Pre vs. Post bronchodilator - breathing capacity test</td>
</tr>
<tr>
<td>94200</td>
<td>Maximum breathing capacity</td>
</tr>
<tr>
<td>94726</td>
<td>Total lung capacity - determination of lung volume/plethysmography</td>
</tr>
<tr>
<td>94729</td>
<td>Diffusing Capacity</td>
</tr>
</tbody>
</table>

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.

**PulmOne USA Tel:** 1-844-PulmOne (1-844-785-6663)

**Email us:** usinfo@pulm-one.com

**Visit us:** www.pulm-one.com

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