



Vyntus BODY

Vyntus™ BODY

Body Plethysmography - Designed to be different

VYNTUS™ BODY

 **vyairé**™
MEDICAL

Vyntus™ BODY key features

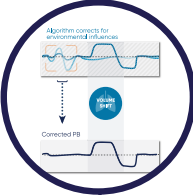
Stable hand grip.



Equally spread magnets for a tight closure of the door.



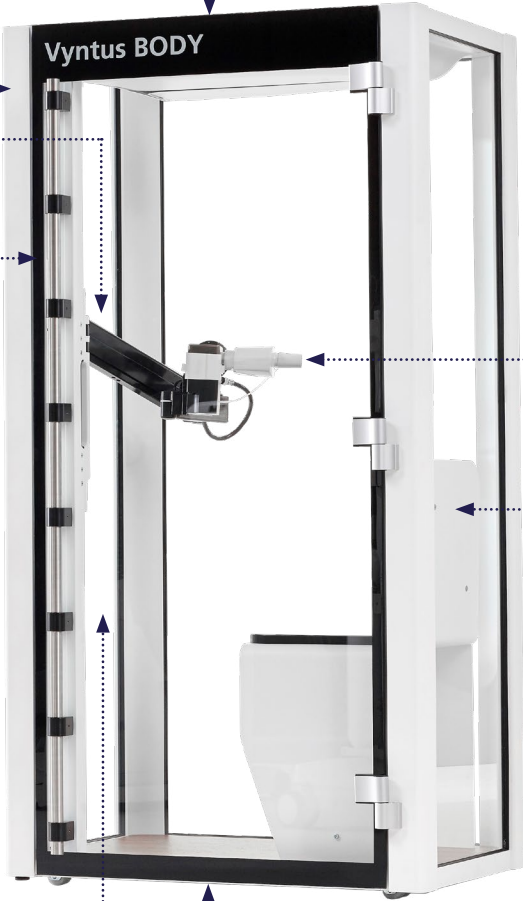
Digital Pressure Compensation.



Ultrasonic sensor for high accuracy.



Flexible arm.



Height adjustable cart.



Spacious cabin with 1110 L.



Low entry step less than 3".

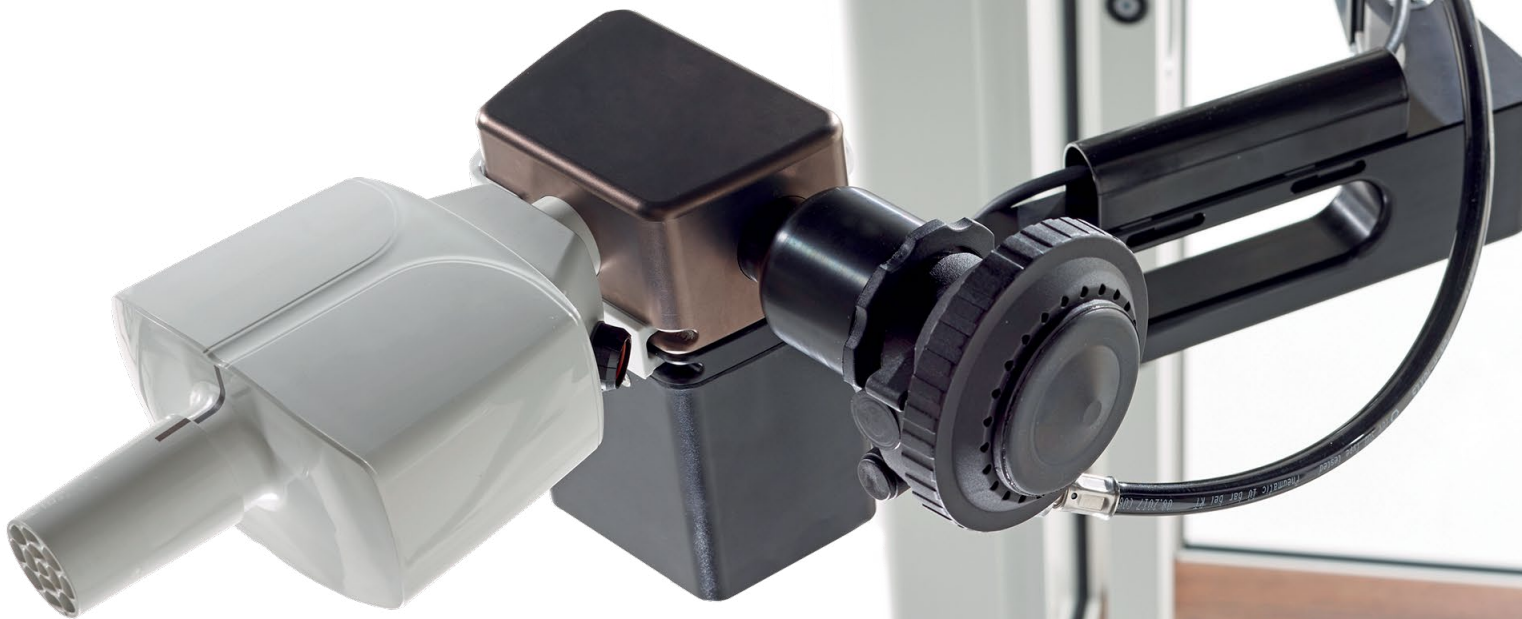


Bench - for up to 551lbs.

Flexibility that makes Vyntus™ BODY different

The flexible telescoping arm of the
Vyntus™ BODY:

- Can be extended outside of the cabin up to an impressive reach of 25 inches.
- Patients in a wheelchair can be measured easily and comfortably outside the cabin.
- Is adjustable in height and position and perfectly adapts to your patients' needs.



Scan the QR code below to visit
the US BODY showcase app



Open phone camera
and hold over QR code

Measurement testing capabilities

- Complete Spirometry (FVC, SVC, MVV) Pre/Post Bronchodilator
- Bronchial Challenge Testing
- Lung Volumes, FRC by Body Plethysmography
- Airway Resistance, Resistance Volume Loops
- SB Diffusion Capacity
- Diffusion Capacity, Intrabreath
- MIP/MEP
- P0.1
- Rocc
- Lung Volumes by N2 Washout*
- MBW LCI, SnIII, Scond, Sacin.*
- CPET, Breath by Breath*
- REE, Breath by Breath*
- ECG, Rest and Exercise*

*requires addition of Vyntus™ ONE.



Vyntus™ ONE



We re-engineered every facet of Vyntus™ BODY's breathing circuit, achieving significant improvements in efficiency and accuracy.

Ultrasonic sensor

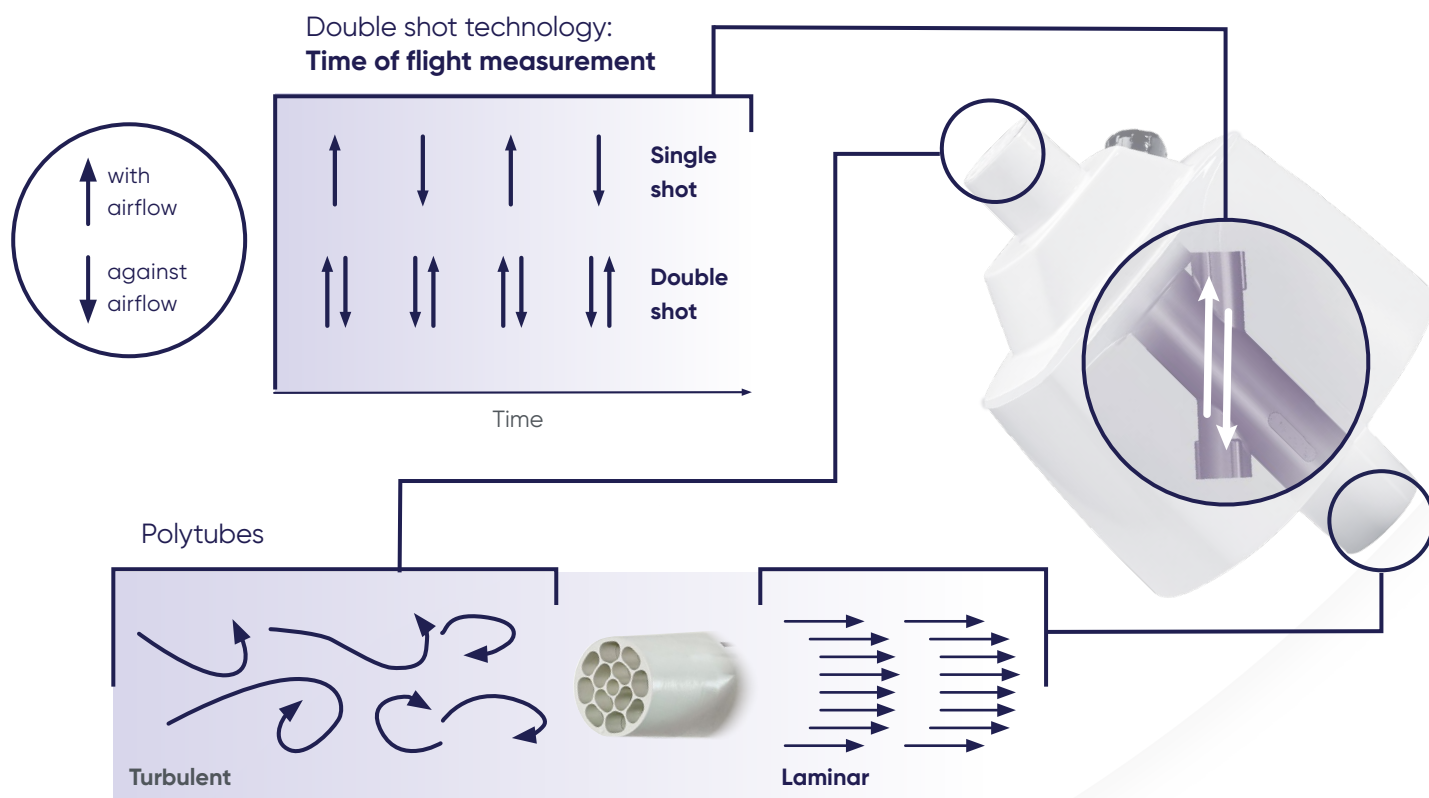
Double Shot Technology measures twice the number of signals across the flow path providing **enhanced data resolution and precision**.

Dynamic Flow Correction: gas temperature is measured with each breath. With this information an on-line BTPS correction is carried out **minimizing drift and providing higher accuracy**.

Polytubes on both sides of the ultrasonic sensor for flow conditioning.

Factory calibrated: **stay focused on your patients**.

Waterproof: **makes hygiene routines fast and easy**. There is no need to disassemble and reassemble the sensor for the cleaning process.



Flowpath valve

Simple, maintenance free, magnetically-controlled rotary shutter is **highly responsive to patient effort**. This means an **easier and noise reduced testing experience**.



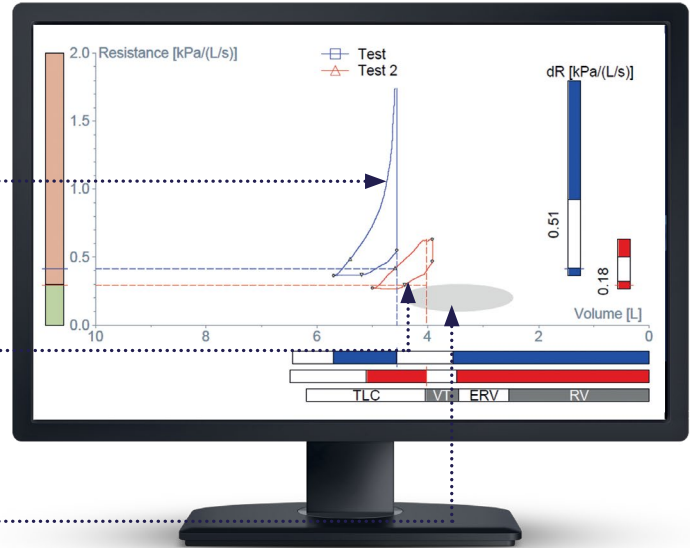
Stop cross-contamination!

The MicroGard™ II filter:

- Reprocessing cycle for parts behind the filter can be **reduced to twice a year** using the MicroGard™ filter¹.
- **Protects** your patients, staff, environment and instruments **from viral and bacterial contamination**.
- Follows the highest safety standards.
- Has an **exceptionally low resistance** to air flow.
- The impact on measurement results is completely removed.
- Is the only **validated filter** for the Vyntus™ BODY.

Easy and optimized post-test decision making – visual diagnostic using the Resistance Volume Chart

The Resistance Volume Chart combines airway resistance and lung volume results in a single breath with no changes in the testing procedure:



Easily analyze the shape of the entire breathing cycle

Quick recognition of pre-post benefit of the therapy

Predicted area for quick orientation

Smart diagnostics – Improve clinical outcome while saving valuable time

The Vyntus™ BODY is controlled by the powerful and easy to use **SentrySuite™ software package**. In less than two minutes any operator can smoothly perform a workflow including airways resistance, lung volumes, subdivisions and forced spirometry.

Guidance and coaching



- Graphical and textual guidance for improved patient instruction and control
- Choice of 10 incentives for children and non-cooperative patients

Quality control



- Follows ATS/ERS standards and recommendations
- Quality tab for fast and extensive error detection

Results review



- Highly versatile report program for parameters, graphs and comments
- Features like Z-score calculation, classification bars and interpretation schemes, based on reference values of numerous authors

ATS/ERS guideline implementation - Your base for high quality results



✓ ERS/ATS 2019
spirometry guidelines²



✓ ERS/ATS 2017
diffusion guidelines³




✓ ATS standardized PFT
reports⁴

REFERENCES

1. Based on the Bio Burden DIN EN ISO 11737-1: Report 18AA0193.
2. Graham B, Steenbruggen I, Miller M, et al. Standardization of spirometry 2019 update. An official american thoracic society and european respiratory society technical statement. *Am J Respir Crit Care Med.* 2019; 200:e70–e88.
3. Graham BL, Brusasco V, Burgos F, et al. 2017 ERS/ATS standards for single-breath carbon monoxide uptake in the lung. *Eur Respir J* 2017; 49: 1600016.
4. Culver BH, Graham BL, Coates AL, Wanger J, Berry CE, Clarke PK, et al.; ATS Committee on Proficiency Standards for Pulmonary Function Laboratories. Recommendations for a standardized pulmonary function report: an Official American Thoracic Society technical statement. *Am J Respir Crit Care Med* 2017;196: 1463–1472. Culver et al., 2017. SentrySuite version 3.20 or higher

GLOBAL HEADQUARTERS

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