



SpiroTech
SOLUTIONS LLC



Excellence in Respiratory Diagnostics

Make The Smart Choice

SMART CO DIFFUSION SYSTEM

Key Features:

- **Single-Breath CO Diffusion Test:** Provides fast and reproducible CO transfer capacity assessments.
- **Online Gas Sampling Method:** Accommodates patients with very low vital capacity (Starting at approximately 0.8 L).
- **Fully Automated Testing:** Offers real-time guidance to ensure correct breathing manoeuvres, with GLIs and the latest Z-Scores.
- **Selective & Fast Infrared Gas Analyzer:** Measures both transfer and inert gases (CO & CH₄).
- **Demand Valve with Automatic Delivery:** Supplies gas precisely, with no need for manual keyboard input.
- **Altitude Compensation:** Built-in ambient pressure sensor automatically adjusts for elevation changes.
- **Minimal Consumables:** Operates without costly absorber products such as Nafion sampling lines.
- Fully CE marked.

Measured Parameters:

DLCO, KCO, TLC, RV, FRC, VA, Tdiff, Hb, VIN (CH₄), and RV / TLC.



SMART BODY PLETHYSMOGRAPHY



Key Features:

- **Height-Adjustable, Comfortable Chair.**
- **Double-Door, Oval-Shaped Cabin** with a surrounding view panel to minimize claustrophobia
- **3D-Adjustable Device Stand** (optional motorized version).
- **Continuous BTPS Sampling and Calculation** via built-in ambient pressure, temperature, and humidity sensors.
- **Efficient Ambient Pressure Movement Compensation**
- **Maintenance-Free Electromagnetic Door Lock** ensuring patient safety.
- **Long-Lasting, Stable Materials** used throughout.
- **Robust Aluminium Frames:** Box and door frames are crafted from powder-coated, heavy-duty aluminium profiles.
- **Convenient Service Access:** Most electronic components are located on the top of the unit, protected by a hood.
- **Accommodates Patients with Reduced Mobility:** Fully automated mouth and box pressure controls.
- **Optional Special Chair:** Mounted on a telescopic arm for patients with limited mobility or those using wheelchairs.
- **Fully CE Marked. Comes with the latest GLIs and Z-Scores.**

Test Programs

Spirometry	VC, IC, TV, IRV, ERV, SVC..
Dynamic Lung Volumes	FEV1, MEF25-75, PEF, FVC..
Resistance (RAW)	RAW, sRAW, GAW..
Thoracic gas volume (TGV)	TGV, RV, TLC..

Optional Parameters

Challenge Testing, Rhinomanometry, P0.1 , MIP / MEP, ROCC, Compliance



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Reach Out To Us Today !

Specialising In:

Plethysmography

Co Diffusion

Spirometry

Nebulizers

Filters

HL7



We're Waiting For Your Call !

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