



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

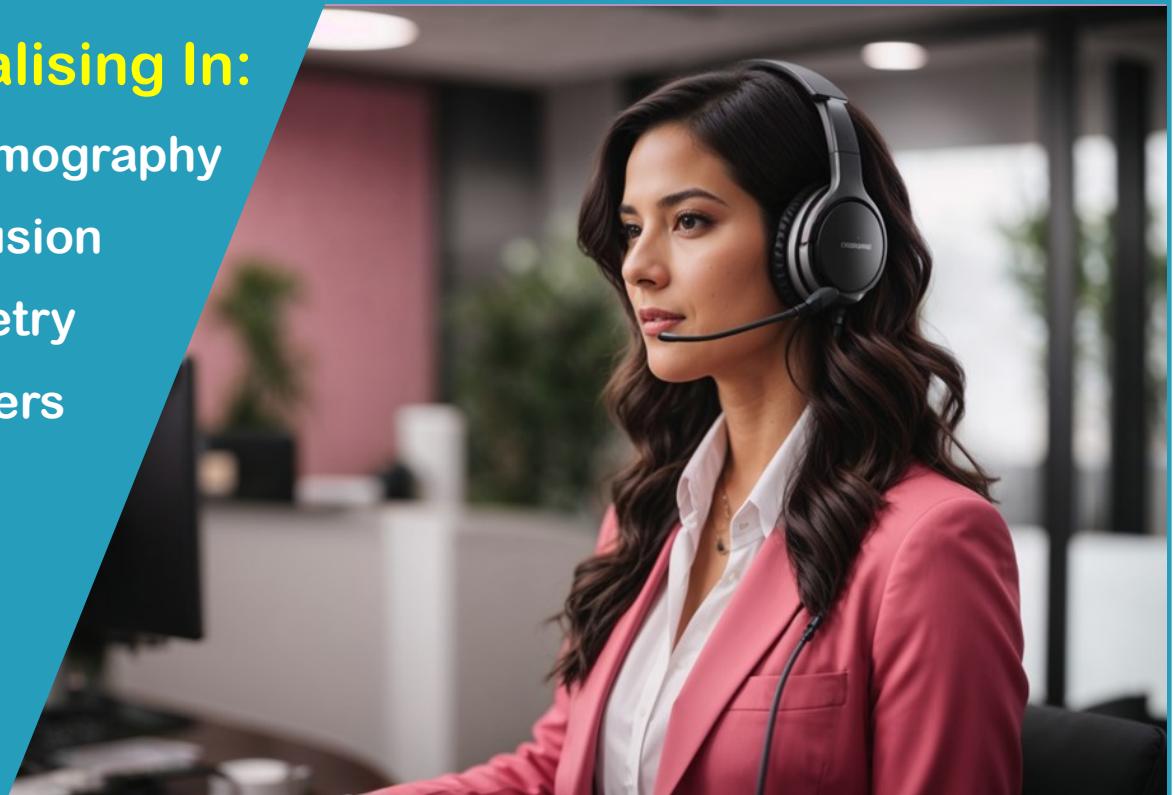
Co Diffusion

Spirometry

Nebulizers

Filters

HL7



We're Waiting For Your Call !

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