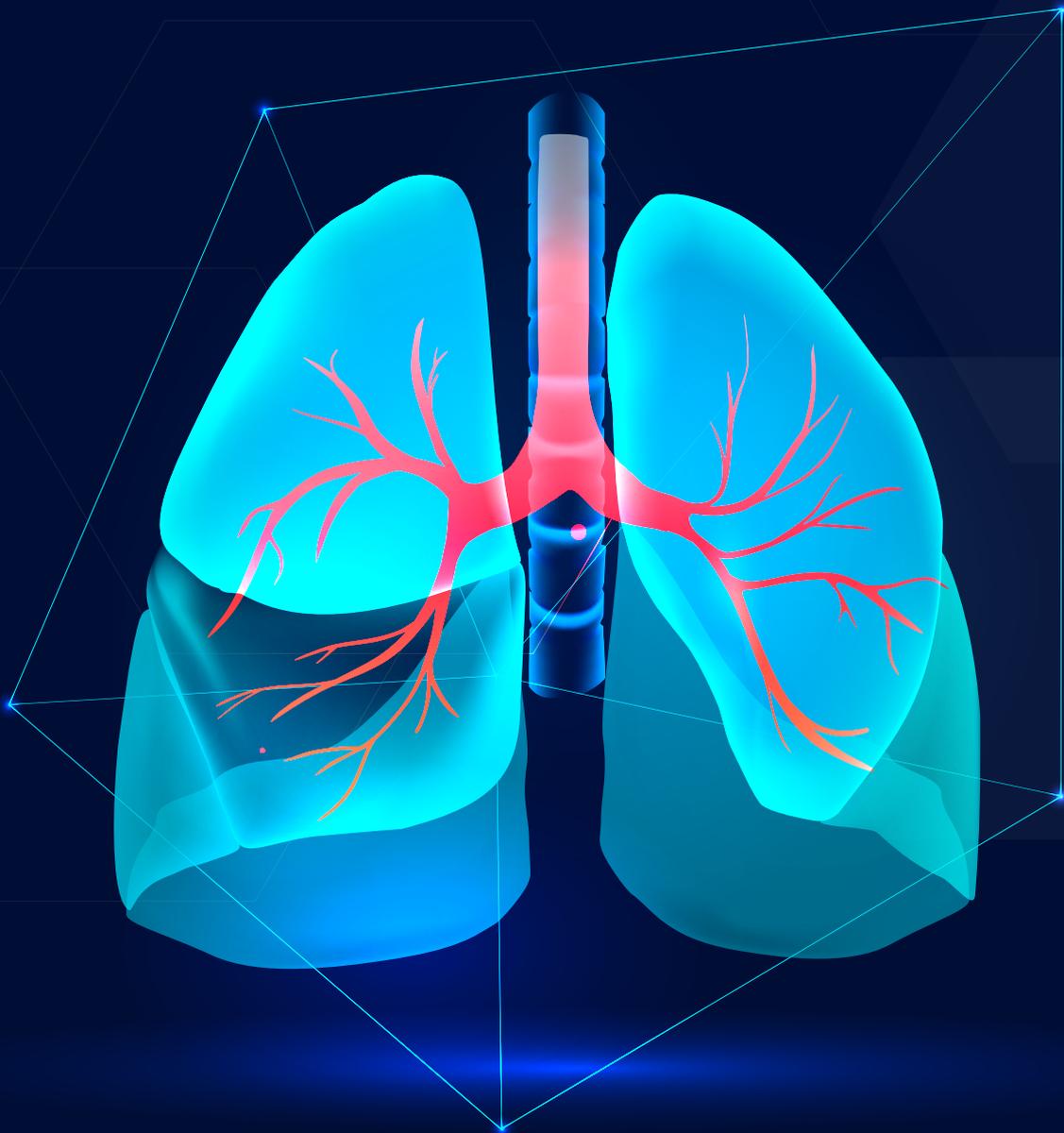




— NEXT GenWorks —
Defining tomorrow, *today.*

BREATHING LIFE INTO RESPIRATORY WELLNESS



GENWORKS is the first start-up in the Indian healthcare industry that is dedicated to improving healthcare access in India. We are a Wipro GE invested company to create a platform for solving the 3 fundamental challenges in Healthcare- **Access, Affordability and Adoption**

Why GenWorks



Paucity of specialists



Lack of focus on Preventive Healthcare



Inadequate access to healthcare technology



Inadequate infrastructure

Our Approach



Understanding customer needs



Taking the Care Cycle approach



Organizing screening to treatment with data back up



Forging partnerships with global leaders in Healthcare



Leveraging technology to insure access, efficiency and affordability



Digitalizing in every sphere of Healthcare to transform limiting conventions.

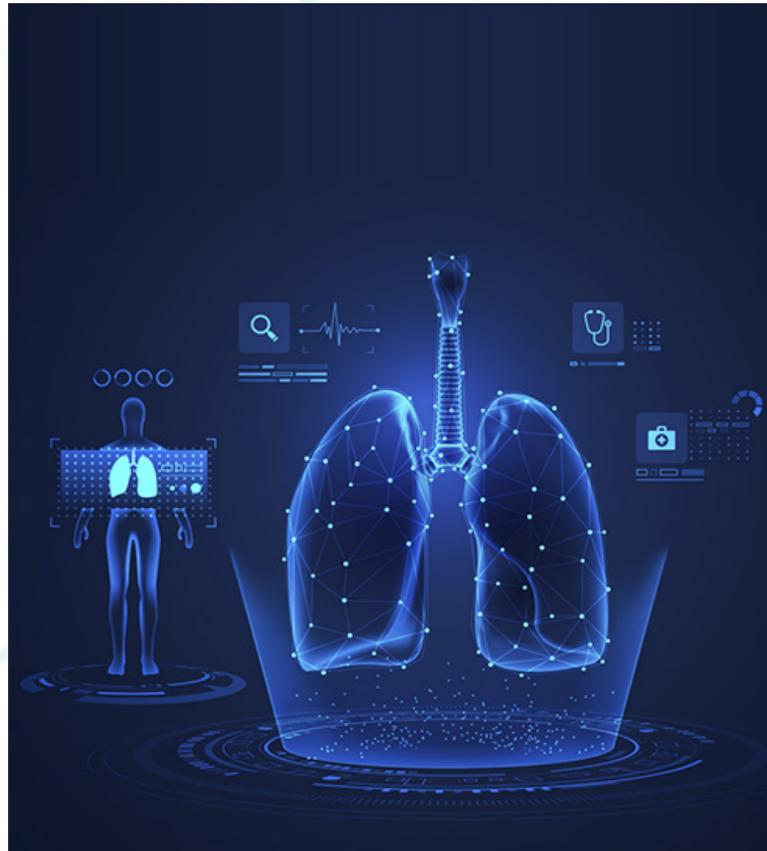


Making solutions our priority by understanding current limitations



Ensuring delivery to the last mile; where roads don't go.

Striving to enhance participation and awareness in pulmonary care



SOLUTIONS

- ▶ IOS – Impulse Oscillometry & Spirometry
- ▶ FeNO – Breath Analyser for Asthma Monitoring
- ▶ DLCO – Lung Diffusion Capacity Measurement
- ▶ Tele Pulmonology – Cloud based reporting service
 - ▶ Body Box – Body Plethysmography
 - ▶ CPET – Cardio Pulmonary Exercise Test
 - ▶ Six Minute Walk Test – Bluetooth enabled
- ▶ Bronchoscopes – High definition Videoscopes and Fiberscopes
 - ▶ EBUS – Endobronchial Ultrasound

Gold standard and US-FDA approved.

Impulse Oscillometry

IOS - Enhances your diagnostic testing ability from paediatrics to geriatrics

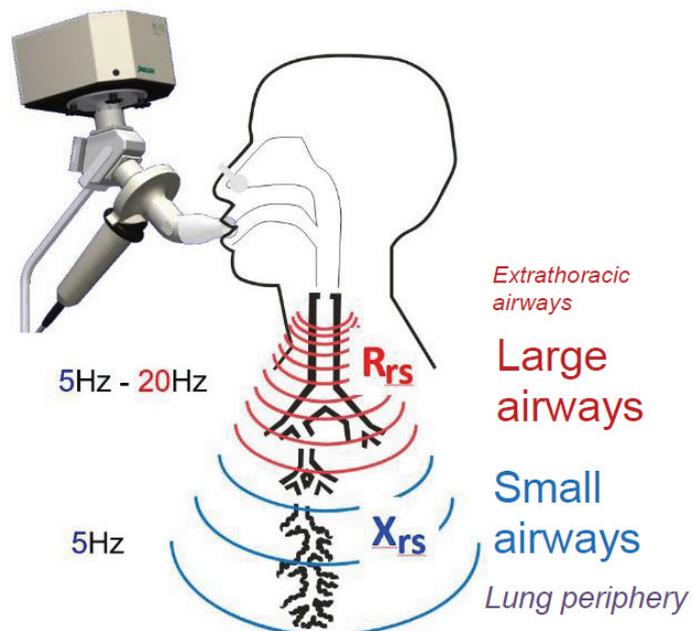
Evaluation in only 15–30 seconds of normal breathing

***The result of 25 years experience in Impulse Oscillometry**

Helps in the early detection and follow up of pulmonary diseases like asthma, COPD and idiopathic pulmonary fibrosis.

IOS is almost independent of patient cooperation and can test a larger patient range than spirometry alone.

- Spirometric and airway resistance diagnostics in one device.
- Assessment and differentiation of airway function under quiet breathing conditions.
- Allows testing children 2 years onwards of age.
- Allows differentiation of central and peripheral airways by measuring airway resistance and reactance at multiple frequencies
- Excellent for bronchial provocation monitoring.
- Inbuilt automatic interpretation of test results.



The experts found that...

- Impulse oscillometry may be considered as the preferred technique for measuring bronchodilation in COPD Clinical Trials
- Airway resistance measured by IOS during methacholine challenge correlates better with asthma symptoms than traditional spirometric measures implying a higher sensitivity index
- Impulse oscillometry provides an effective measure of lung dysfunction in 4-year old children at risk for persistent asthma

Fenom Pro

Asthma Monitor



- » Simple and straightforward clinical application
- 👤 User-friendly interface & SentrySuite* integration
- 👤 10-second test time requires minimal patient engagement
- 🔋 Rechargeable battery for easy portability
- 🕒 Test results in just 28 seconds
- ☁️ Purchased tests never expire
- 📅 Fast 10-second test time for adult patients, 6-second test time for children < 12 years old

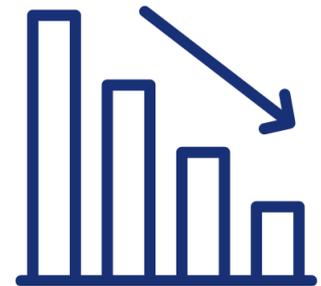
Impact of FeNO Measurements



Decreased per-patient costs by nearly 50%.



Decreased asthma-related IP/ED events by nearly 50%.



MS Diff RT

DLCO / Diffusion in Real time & Intradbreath method with non-breath hold manoeuvre using **JAEGER**[®] Pneumotach

The intrabreath (IB) technique is not dependent on a breath-holding maneuver and may provide more accurate pulmonary function testing results in chronically debilitated patients.

Complete system for recording spirometry and pulmonary diffusing capacity on the basis of CO diffusion with simultaneous determination of alveolar volume and other absolute pulmonary volumes.

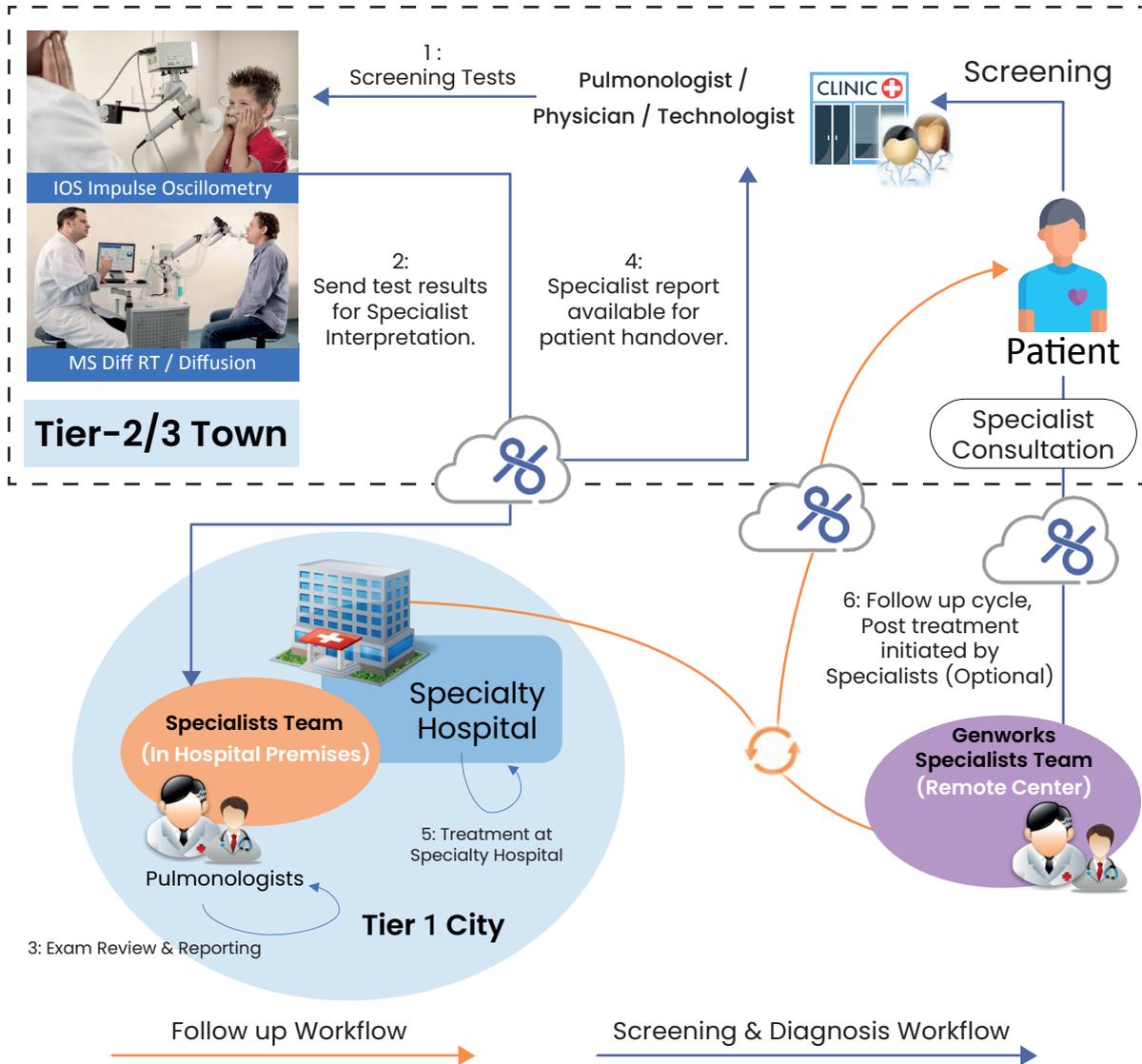


Diffusion SB Realtime: DLCO SB, DLCO SBc, VA SB, KCO, KCOc...

Diffusion SB Intradbreath: DLCO IB, DLCO IBc, VA IB, KCO IB, KCO IBc

Tele Pulmonology – Cloud based instant reporting service

Enabling clinicians to view, download and print high-quality reports



KEY BENEFITS

- Specialists approved Screening & Diagnosis clinical protocols
- Seamless Integration with screening devices
- Remote specialist assisted workflows for Screening, Consultation and Diagnosis
- Specialist approved digital patient reports
- Quick & Easy post treatment patient follow ups
- Hub and spoke model for enhanced efficiency

TARGET CUSTOMERS

- Pulmonologist / Physician
- Diagnostic Centers
- Tier 2/3 Hospitals
- Clinics – GP, Specialty
- Health Care Aggregators
- Factory / Mining Health Check Facility

GVC : CARE AREAS



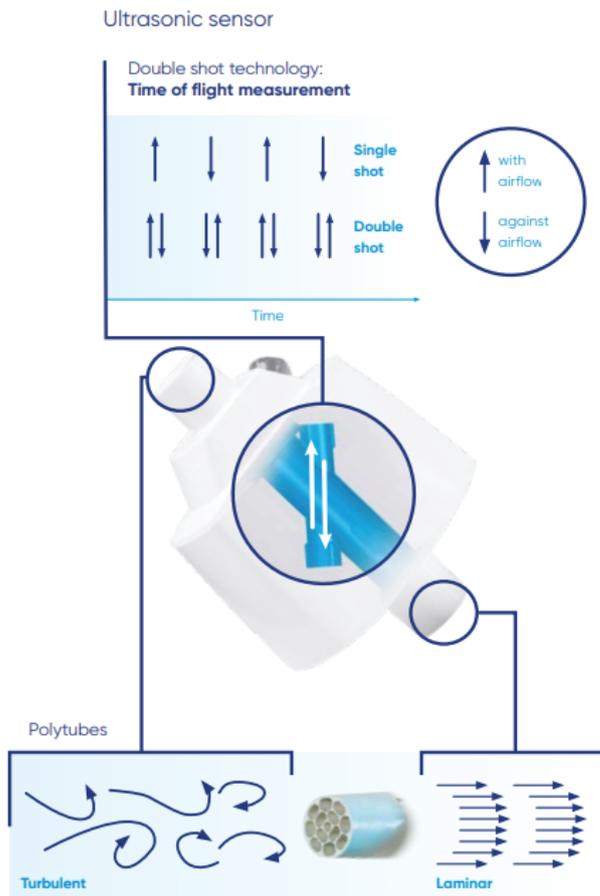
Vyntus Body / Diff

Whole Body Plethysmograph with Diffusion

The innovative body plethysmograph is designed for PFT labs to save time with measurements, while having maximum flexibility. The spacious cabin and low entry step improve patient comfort and safety.

Measurements

- CO-Diffusion RT and IB
- (Specific) airway resistance: sR_{eff} , sR_{tot} , $sR_{0.5}$, sR_{mid} as well as R_{eff} , R_{tot} , $R_{0.5}$, R_{mid} and others.
- Static lung volumes: Absolute lung volumes: TLC, FRC_{pleth}, RV, RV/TLC and others
- Static lung volumes: VC MAX, IC, ERV and others
- Dynamic lung volumes: FVC, FEV1, FEV1/FVC, MFEF 25-75, FEF 75, PEF and others



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

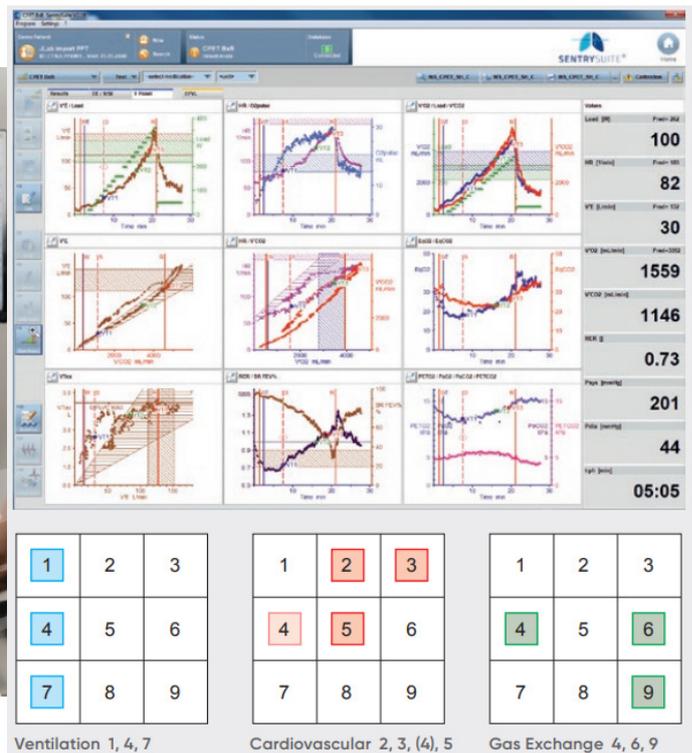
Largest box (1,110 Liters) with low entry step (7cm.) and chair for up to 150 kgs. Flexible 3D arm extendable to allow for testing out of box as well.

Vyntus CPX and Vyntus ECG

Dedicated cardiopulmonary Exercise Testing

The powerful Vyntus CPX is an accurate, reliable system that collects full breath-by-breath data and allows the determination of a subject's metabolic response.

- True breath-by-breath Cardiopulmonary Exercise Testing
- Spirometry, pre/post, animation and exercise flow-volume loops
- Integrated pulse oximetry
- High/Low FIO2 optional
- Indirect calorimetry assessment (REE, FAT...) standard.
- Three separate ventilatory threshold determinations, six automatic slope calculations and Tau calculation
- Online entry of RPE scale, blood gas marker, blood pressure or events
- Offline entry of blood gases with automatic calculation of related parameters [P(A-a)O₂, VD/VT calculated]
- Comprehensive Protocol Editor program for creating individual ramp, step and weight dependent protocols
- Report Designer program for customized reports



The 9-Panel Wasserman graph offers a concise overview of the cardiovascular, ventilatory and gas exchange parameters.

Vyntus ONE

Pulmonary Function Testing and Cardio Pulmonary Exercise Testing

PATIENT CENTRICITY

The Vyntus ONE helps all patients to easily perform the manoeuver.

INNOVATION

The Vyntus ONE technology drives high quality results, accuracy and repeatability.

HYGIENE

The Vyntus ONE combined with MicroGard™ filters makes hygiene routines fast and easy.



The power of ONE



Upgradeable, Modular, All in One, PFT platform

	Vyntus ONE DL	Vyntus ONE PFT	Vyntus ONE
	STANDARD TESTING CAPABILITIES		
Spirometry, Diffusion SB Realtime and Intrabreath	✓	✓	✓
Lungvolumes with N ₂ Washout method and LCI		✓	✓
CPET Breath-by-Breath			✓
	OPTIONAL TESTING CAPABILITIES		
PO.1, MIP/MEP, SNIP, Compliance, Rocc, Rhinomanometry, Noninvasive cardiac outpouring Vyntus BODY for body plethysmography Vyntus ECG for rest and stress		✓	

Vyntus Walk

Bluetooth enabled Six Minute Walk Test

Mobile solution: works with a tablet PC which interfaces wirelessly with the patient worn secure Bluetooth oximeter

Vyntus™ WALK, the complete mobile solution, is not only comfortable for the patient to wear, it's also easy for technicians to use. The intuitive Vyntus™ WALK tablet App. guides you through the standardized workflow. Accurate test data keeps you focused on our patient.

Key features at a glance

- Minute-by-minute SpO2 and heart rate tabular data in Standalone Report
- Timer can be configured to count up, or down
- Pause start/stop time and duration added to the comments field automatically
- Custom events/pause text can be applied via configuration file



Vyntus Spiro

The heart of the system, the **JAEGER**®
flow and volume transducer. PC-based spirometer
Powered by SentrySuite® software



The Vyntus SPIRO was born out of an obsession to perfect a spirometer that is easy-to-use and has the flexibility to provide accurate results for the general user and the sophisticated labs. Stationary or portable PC spirometer as a stand-alone device or as part of the SentrySuite network

SpiroUSB

PC based Spirometer

The SpiroUSB™ plugs directly into the USB port of your PC, without the need for any additional docking station or data uploading. Using a Laptop or Notebook, with the SpiroUSB™ allows complete portability.

Key features

- Up to 58 spirometry indices measured
- Animated child incentive device
- Configurable printout format
- Textual interpretation
- Lung age calculation



SentrySuite™ Software Platform

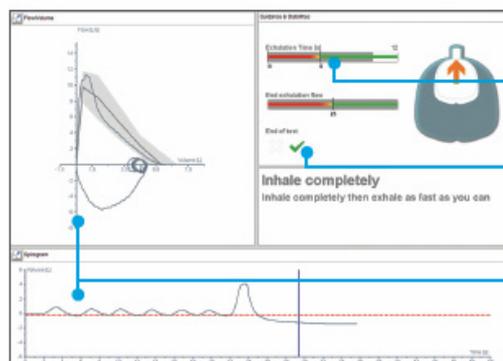
Intelligent respiratory diagnostics

THE POWER OF SENTRYSUITE. SIMPLE TO OPERATE, YET SOPHISTICATED FOR YOUR TEAM'S WIDE-RANGING CLINICAL NEEDS.

SentrySuite software powers all of your Master screen and Vyntus Systems, making them incredibly easy to operate from system-to-system and test-to-test. The simple user interface with guidance cues and QC feedback, ensures that patient test performance is acceptable and repeatable.

And, SentrySuite provides automated workflow processes that let you keep tabs on the status of every test, simplifying operations in even the busiest labs.

SentrySuite software guides both technicians and patients through a quality testing experience.

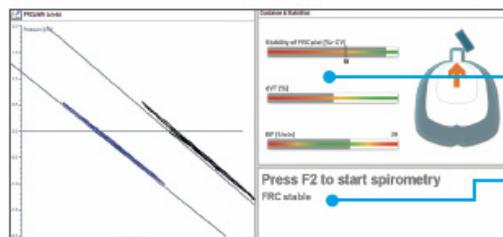


Forced Spirometry

Colored guidance bar for in-test exhalation time and plateau recognition

Check marks for spirometry end-of-test criteria

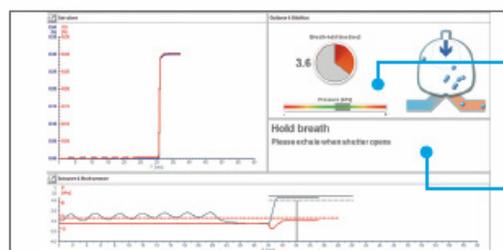
Online breathing curves



Body Plethysmography

Colored stability bar for VT, BF, sRaw and FRCpleth during body plethysmography

FRCpleth notification for conformity



CO Diffusion SB Realtime

Breath-hold timer and mouth pressure control

Online content guidance ideal for new personnel

Animation incentives

Choose from 10 different patient animations for forced spirometry. And, easily set target ranges for different patient needs.



Meeting the oxygen needs of your institution

ONSITE MEDICAL GAS OXYGEN GENERATOR



- Onsite Oxygen Production Using PSA Technology Is Intelligent and Affordable.
- Well Proven Pressure Swing Adsorption Technology
- Skid-Mounted Pre-Commissioned, Ready to Use Units
- Fully Automatic Plant -Requires less Operator's Attention
- Low Generation Cost - short Pay Back Period
- Negligible Maintenance - No hassle of changing Cylinders
- CE, FDA, GMP, ISO-9001:2015 ,ISO-45001:2018 & ISO-13485:2016
- With the Purity up to 93% (+-3) MEDICAL GRADE

MODULAR MOBILE OXYGEN GENERATOR SYSTEM



Ready to go device just plug & play.



Lowest power consumption.



Portable & Scalable.



Higher cost saving.



Proven technology ensures long life of the equipment.



Low maintenance & easy to handle.



Needs small space, 60% less components than Oxygen plants.



Suitable output pressure to run Ventilators & Anesthesia machines.



— **NEXT GenWorks** —

Defining tomorrow, *today*.

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