

Pulmonology



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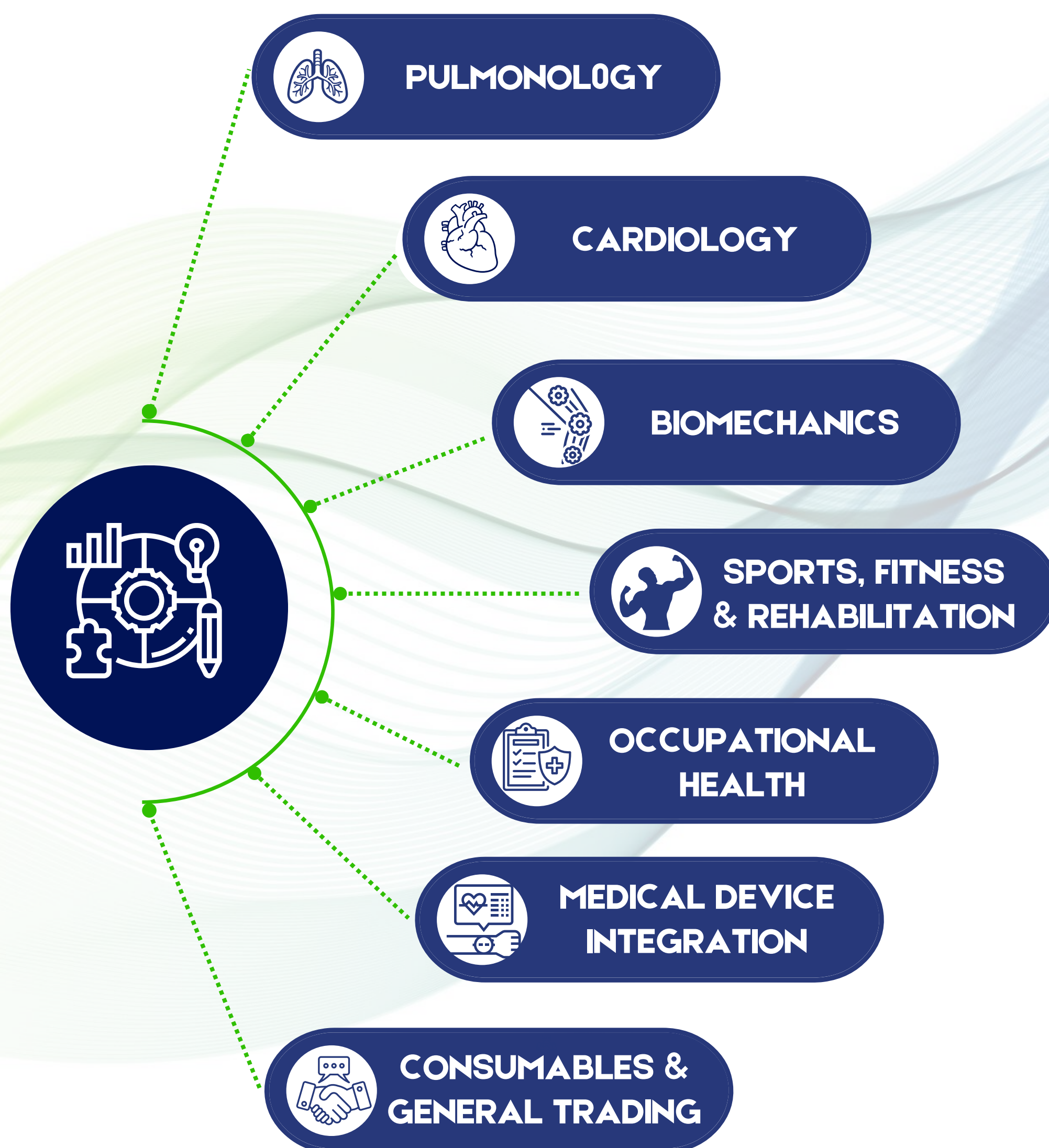


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MEDPRIX was founded by seasoned healthcare experts with in-depth knowledge of the medical industry and a commitment to providing the highest level of customer service. Our extensive supplier network and alliances with top manufacturers enable us to offer a variety of products, including innovative medical equipment, surgical instruments and rehabilitation devices.

OUR SERVICES





medical[®]
equipment
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SMART PFT USB – PC BASED SPIROMETER

Make: Medical Equipment Europe GmbH -Germany

Features

- Spirometer Using most precise and accurate variable Orifice Pneumatic sensor
- Smart Soft PC software with free of license
- Spirometry Tests Available: Slow vital capacity /Forced Vital Capacity PRE-POST and MVV
- More than 40 spirometry parameters
- GLI 2012 predicted values along with many other predicted sources.
- Pre/Post comparison and reporting in same page
- Spirometer with Incentive graph for kids
- Customizable reports
- Auto report save feature
- Software written instruction for technician support
- Manual and automatic spirometry test interpretation
- Manual or automatic calibration entry



A high-performance PC Based spirometer with high-precision technology and a wide variety of test options including SVC, FVC, Pre-Post MVV Tests

SMART PFT USB BT- WIRELESS BT PC BASED SPIROMETER

Make: Medical Equipment Europe GmbH -Germany



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Features

- Spirometer Using latest Bluetooth 4.1 connection for wireless operation
- with battery backup option
- Spirometer Using most precise and accurate variable Orifice Pneumatic sensor
- Smart Soft PC software with free of license
- Spirometry Tests Available: Slow vital capacity /Forced Vital Capacity PRE-POST and MVV
- More than 40 spirometry parameters
- Spirometer with Incentive graph for kids
- Customizable reports
- Auto report save feature
- Software written instruction for technician support
- Manual and automatic spirometry test interpretation
- Manual or automatic calibration



A high-performance Wireless spirometer with high-precision technology and a wide variety of test options with BTLE Bluetooth

SMART PFT CO TRANSFER – CO DIFFUSION SYSTEM

Make: Medical Equipment Europe GmbH -Germany



Designed for simplified CO transfer capacity screening

Features

- Single breath CO Diffusion System
- CO transfer capacity test fast, linear, and reproducible
- Quick screening of CO-Diffusion capacity
- Advanced and long-term tested software algorithms help calculate measurements with very small vital capacity from 0.7 litres
- Displays data like gas concentrations, volume and mouth pressure
- Runs fully automatic without any technician
- Selective and fast infrared gas analyzer measuring transfer and inert gas (CO & CH₄)
- Particular and precise gas supply by a demand valve
- Input mask for Hb and COHb values and correlating recalculation of test result
- Automatic altitude corrections by built in ambient pressure sensor



SMART PFT NEBULIZER BRONCHICAL PROVOCATION SYSTEM

Make: Medical Equipment Europe GmbH -Germany

Features

- Built-in, low noise air compressors
- Integrated LCD
- Breathe in and out without contamination risk
- No need for an external source of compressed air, a low noise compressor is built in.
- A comfortable, safe, and very robust device to support challenge testing.
- Complete controlled workflow up to 20 stages
- Three-way valve to control the airflow.
- The compressor runs fully automatic.
- LCD-display guarantees a very simple control handling
- A flow-based trigger sensor synchronizes the start of nebulization with beginning of inhalation
- Automated execution protocols can be programmed to simplify routine testing



Standardized dosimeter unit for challenge testing



SMART PFT LAB BODY PLETHYSMOGRAPHY SYSTEM

Make: Medical Equipment Europe - Germany



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Solid aluminium & plastic construction combined with modern design & functionality. Very modern and long-term stable materials make it a very useful and unique device.

Features

- Helps to avoid claustrophobic problems
- Continuous BTPS data sampling and calculation
- Designed for patients with poor mobility
- Large 2 door opening makes placing the patient very comfortable
- Very efficient ambient pressure movement compensation unit
- Height adjustable, comfortable chair
- Double door design with oval shape with full surrounding few helps to avoid claustrophobic problems
- 3D adjustable device stand. (optionally, e-motor driven)
- Ambient pressure, temperature and humidity sensors allow continuous BTPS data sampling and calculation
- The electromagnetic door locking is maintenance free and safe for patients
- The box has a very efficient ambient pressure movement compensation unit

SPIROLAB – DESKTOP SPIROMETER

Make: Medical International Research -Italy



Desktop, Stand-alone and PC-based Spirometer, with optional Oximetry



Features

- 7-inch Touchscreen, all-in-one Spirometer with embedded printer and Optional Oximetry
- Real-time test also available on PC, via USB and Bluetooth
- Lightweight for easy mobility, carrying case included, long life Rechargeable Battery
- GLI predicted sets available in Stand-Alone mode and PC mode
- Paediatric Incentive available on display,
- PC CONNECTION- real time test on PC screen, connect with your EHR/EMR, back-up internal memory, connectivity via USB and Bluetooth
- EHR CONNECTIVITY-Via PC, integration with patient database on your EHR/EMR (in HL7, GDT)-optional
- CALIBRATION SOFTWARE EMBEDDED-Available on device, with printable calibration report (no separate software required)
- PRINTER EMBEDDED- Thermal printer. Paper size 112mm. Direct external print also available via PC software



SPIRODOC – HANDHELD SPIROMETER & 6 MINUTES WALK TEST

Make: Medical International Research -Italy

Features

- Touchscreen Spirometer and 3D Oximeter: 6MWT, Sleep Test, 24h SpO2 Holter
- Wireless Real-Time Test also available on PC, via Bluetooth and USB
- Lightweight and easy to carry on-the-go, with long-life Rechargeable Battery
- REAL-TIME TEST- Spirometry: FVC, VC, MVV, PRE/POST Bronchodilator comparison ,3D Oximetry (optional): Spot test (SpO2, Pulse), 6MWT, Sleep Test, 24h SpO2 Holter Test
- CARRY EVERYWHERE-LCD Touchscreen Display, long battery life, large internal storage
- PC CONNECTION-Real-Time Test on PC screen, EHR/EMR integration, internal memory back-up and more
- EHR CONNECTIVITY-Via PC, integration with patient database on your EHR/EMR (in HL7, GDT)
- 6 MINUTES WALK TEST-6MWT is available with the Oximetry Option: measure the response of a cardiopulmonary system involved in exercise



Portable Touchscreen Spirometer with 3D Oximetry option



SPIROBANK II - HANDHELD SPIROMETER

Make: Medical International Research -Italy

Features

- It can be used in Stand Alone mode and with PC via Bluetooth and USB
- Pediatric incentive animations available on your PC screen to support patient compliance during a spirometry test
- Traffic light system for immediate test interpretation
- SpO2 and pulse rate can be viewed directly on the display, including the plethysmography curve
- REAL-TIME TEST-Spirometry: FVC, VC, IVC, MVV, PRE-POST Bronchodilator comparison Oximetry (optional): Spot test (SpO2, BPM)
- CARRY EVERYWHERE- HR Display, long battery life, large internal storage, carrying case included
- PC CONNECTION- Real time test on PC screen, connect with your EHR/EMR, back-up internal memory, and much more
- COMPLIANCE WITH ATS/ERS 2019



Portable Touchscreen Spirometer with Oximetry option - USB and Bluetooth connection

MINISPIR – PC BASED SPIROMETER

Make: Medical International Research -Italy



Features

- REAL-TIME TEST-Spirometry: FVC, VC, MVV, PRE/POST Bronchodilator comparison
- PLUG AND PLAY-Power via USB, no internal memory, no display, no maintenance
- PC CONNECTION-Real time test on PC screen, connect with your EHR/EMR, back-up database on PC memory and much more
- COMPLIANCE WITH ATS/ERS 2019 And other Standards including ISO 26782 (for Spirometry), ISO 23747 (for PEF), and more
- PREDICTED SETS AND PREDICTED VALUES-Large Selection of Predicted Sets (including GLI) and Predicted Values (including comparison %Pred, Z-score and LLN) in PC-mode
- EHR CONNECTIVITY-Via PC, integration with patient database on your EHR/EMR (in HL7, GDT)
- Light weight and easy to carry
- Comes with Disposable turbines for complete infection control
- Comes with PC software for connectivity



Portable spirometer with connection to electronic medical records and accurate readings.

NOBREATH FENO MONITOR

Make: Bedfont Scientific Ltd-UK



The NObreath® is a FeNO monitor which can be used to measure airway inflammation for the management and diagnosis of asthma.

Features



- Non-invasive, quick, and easy to perform
- REVOLUTIONARY INTERFACE-Full-colour touch screen with easy-to-use interfacing and onscreen motivational
- Exhalation guides
- ADULT AND CHILD PROFILES-Adult & child patient profiles for best sampling times and quick result referral
- Components, saving time and money
- PROVEN TECHNOLOGY-The NObreath has over 10 years of clinical use featuring in many studies worldwide
- ERGONOMIC DESIGN-An ergonomic design, fully portable and incorporated with SteriTouch® technology for optimum infection control
- NOBREATH DOCK-NObreath dock for safe and convenient storage, charging and synchronization
- NO LIMITS-Subject to correct use, maintenance, and service
- Comes with free FENOChart PC software with online test connectivity and for patient data base



Features

- User-friendly interface for easy %FCOHb conversion.
- Stores patient details with a large touchscreen.
- SteriTouch® technology enhances infection control.
- Green, amber, and red traffic light system for CO levels.
- Ambient CO monitoring for added safety.
- D-piece™ filters out 99% of airborne bacteria.
- SteriBreath™ mouthpieces for cost-effective infection control.
- PC interactive with COdata+™ software included
- Instant results in ppm, %COHb, and %FCOHb.
- Analyzes carboxyhaemoglobin and CO ppm levels
- Automatic calibration and D-piece™ renewal reminders
- Adult and adolescent profiles for smoking cessation motivation.
- Testing modes for adults, adolescents, and pregnant women

SMOKERLYZER CO BREATH MONITOR

Make: Bedfont Scientific Ltd-UK



With a brand new easy to use interface, SteriTouch® technology and the motivational traffic light system, the Smokerlyzer® breath CO monitor is ideal for all stop smoking services.



PSG 1100 – FULL FLEDGED SLEEP LAB SYSTEM WITH BUILT-IN CO2 MONITORING

Make: Nihon Kohden -Japan

Features

- 100 M Ω input impedance
- IP addressable
- 25 EEG (full 10-20 montage)
- Dedicated body position, EOG (2), ECG (3 with reference) and Chin EMG (3)
- 8 bipolar pair inputs
- Internal SpO2
- Internal mainstream EtCO2
- Internal data storage
- Built-in power isolation
- 6 DC inputs (expandable to 14 DC channels)



The PSG-1100™ is designed with enhanced features with the quality and reliability you have come to expect from Nihon Kohden. Fullfledged Sleeplab PSG system with more than 50 Channels.

SPHINX II – FULL FLEDGED SLEEP LAB WITH INTERCOM

Make: Neurotronics -USA – A Nihon Kohden Company



Features

- Full Fledged Sleep lab PSG System with more than 30 channels.
- Built-in pressure transducer
- Quick disconnect
- IP Addressable
- VESA wall-mount
- Full AASM channel set
- Built-in intercom/microphone
- Nihon Kohden SpO2
- 6 DC inputs (expandable to 14 DC channels)

The Sphinx PMU710 is the latest addition to the Nihon Kohden family of amplifiers. Full Fledged Sleep lab PSG System with more than 30 channels.

MEDIBYTE JUNIOR-PORTABLE TYPE 3 SLEEP LAB

Make: BRAEBON Medical Corporation - Canada



Miniature 7-parameter Home Sleep Tester that records up to two nights on a single battery.

BRAEBON

Features

- MediByte® Junior is a Type 3 Recorder-Using patent pending technology
- Simple, cost effective and reliable screening for sleep apnea
- Weighing just 91 grams, it is ideal for both adult and paediatric studies
- CPAP compatible
- PC connectivity via USB
- Type 3. The MediByte® Jr. software is easy to use, yet flexible enough to analyze a number of user selected signals

BRAEBON

Features

- Weighing just 93 grams, it is ideal for both adult and pediatric studies
- Ease of Use Simplified Interpretation: Clear, concise, and user-friendly design.
- Patent-Pending MediByte®: Exceeds home evaluation guidelines for snoring and sleep apnea.
- Snoring Audio Playback: Allows playback of recorded snoring sounds.
- CPAP Compatibility: Easily connects to any CPAP device with a standard luer connector.
- 24-Hour EKG: Provides continuous EKG monitoring.
- 2-Night Studies: Supports two-night sleep studies.
- Accurate Body Position Tracking: 3-axis accelerometer for precise body position data.
- Easy Event Markers: Oversized tactile push-button for effortless event marking during recording.

MEDIBYTE – PORTABLE SLEEP LAB TYPE 2/3 SLEEP RECORDER

Make: BRAEBON Medical Corporation - Canada



15 channel Type 2 HST Recorder or Type 3 HSAT Recorder. Complete with sensors and software, the MediByte® package includes everything you need to provide reliable patient testing in a variety of configurations



METAMAX 3B – MOBILE VO₂ MAX - CPET SYSTEM

Make: Cortex Biophysik GmbH-Germany

Features

- portable Breath-by-Breath system
- internal battery allowing a 12-hour running time (available as an option)
- Bluetooth® LE for connection to HF, SpO₂, power meters and other measuring devices
- interfaces to numerous types of ECGs
- USB or Bluetooth® connection to a PC
- front display with LED status indicators
- push-pull connectors protecting against reverse polarity and damages.
- minimal need for maintenance
- long calibration intervals
- O₂ sensor with long lifespan
- constant and dynamic flow control
- modular future-proof system set-up



The METALYZER® 3B is a portable high resolution spiroergometry system with Breath-by-Breath technology.

METALYZER 3B – PORTABLE VO₂ MAX CPET SYSTEM

Make: Cortex Biophysik GmbH-Germany



Features

- xExtremely light, mobile breath-by-breath system (580 g)
- Telemetry range of over 1,000 m (bi-directional telemetry with Bluetooth® technology)
- With chest and back carrying system
- Convenient control by Smart Control, laptop or as a standalone
- 6 hours of battery life
- 400 hours of data storage
- Constant, dynamic flow control
- Freely definable audio signals



The MetaMax® 3B is a spiroergometry system for professional outdoor use designed to meet your individual needs no matter how exceptional they might be.

PULMOSCAN - FOT DEVICE

Make : Cognita Labs - USA



A non-invasive and well-researched technique, FOT measures respiratory impedance/mechanics by superimposing gentle oscillations over tidal breathing within a minute

Features

- Tidal Breathing- No forced expiration
- Portable, stand-alone, and wireless Forced Oscillation Technique
- (FOT) device
- FAST, ACCURATE, LOW-COST
- SIMPLE OSCILLOMETRY METHOD
- Safe – Low-frequency sound waves, shown safe for children as young as 4 years old.
- Accurate – (FOT)PulmoScan Brings Pulmonary Testing Closer to Patients

THORASYS

TREMOFLOW – FOT DEVICE

Make: Thorasys Canada

Features

- Tidal Breathing- No forced expiration
- Info related to small airways
- Fast & Easy-Test in a few minutes
- Adult & Pediatric-Normative values provided
- Intra-Breath Analysis-Pattern & Time-Course
- Easy Daily Calibration-Less than 30sec
- Compact & Portable-Weighs only 700 g
- Pre/Post Testing-Automated Workflows



The tremoflo® Airwave Oscillometry System (AOS) has revolutionized the Forced Oscillation Technique (FOT) by using a vibrating mesh to superimpose a gentle oscillatory pressure and flow wave



Features

- KH-Series automatically adapts to the patients personal training requirements
- Manual Training Intensity from 5 to 200cm H₂O
- Allows up to 150 breaths training stimulus to the respiratory / inspiratory muscles
- Provides detailed breathing training feedback including Load (cmH₂O), Power (Watts) and Inhaled Volume (Litres)
- Testing of MIP, PIF and s-index

POWERBREATHE KH2

Make: POWERbreathe - UK



SHAKER DELUXE

Make: POWERbreathe - UK



Features

- The Shaker Deluxe by POWERbreathe is a mucus clearance device
- Ergonomic and simple to use, requiring no assembly
- Clears the airways to reduce the chances of developing lung infections and damage
- Improves lung function, reduces breathlessness and fatigue
- Pressure starting from 8cmH₂O to 11cmH₂O
- Suitable for adults and children



Features

- POWERbreathe Medic Plus offers the lowest entry-level load of any threshold IMT device
- Suitable for those with very weak breathing muscles
- Improves breathing strength and stamina
- Drug-free
- Recommended by medical professionals
- Ergonomic design
- Train for 30 breaths, twice a day for results

POWERBREATHE MEDIC PLUS

Make: POWERbreathe - UK





CONSUMABLES, ACCESSORIES & SPARES

LEMON MEDICAL



BVF FILTERS



NOSECLIPS



MOUTH BITER



PLASTIC MOUTHPIECE



NOSECLIPS



SMART PFT SYRINGE 3 LITERS



BEDFONT



STERIBREATH ECO MOUTHPIECES



D-PIECE



ONEBREATH



NOBREATH MOUTHPIECES



MEDICAL INTERNATIONAL RESEARCH



FlowMIR® Disposable Turbine



Reusable Turbine Flowmeter



Thermal printer paper



Paper adult disposable mouthpiece



CONSUMABLES, ACCESSORIES & SPARES



Snore Sensors



SpO2 Sensors



Thermal Airflow Sensors



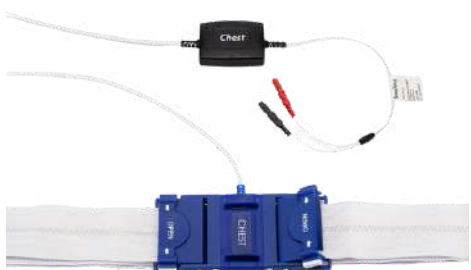
Body Position Sensors



Pressure Cannulas



Disposable Inductive System



Respiratory Effort Sensors



Limb Movement Sensors



7 Ft Adult Nasal Pressure Monitoring Cannula



CHILD DISPOSABLE INDUCTIVE SYSTEM



BRAEBON

PureFlow® Oronasal Cannula



Airflow Temperature Sensor



Snore Sensor



Effort belts



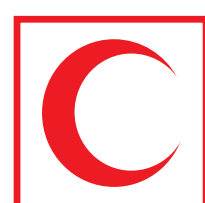
Body Position Sensor



OUR MANUFACTURING PARTNERS



OUR CLIENTS





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