

Choose the product according to required features and purpose of use.

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### Product Comparison Matrix

			
Tests	Quark PFT	Q-Box	Innocor LCI
<b>Spirometry</b>			
Forced Vital Capacity (FVC) Pre/Post	●	●	○
Slow Vital Capacity (SVC) Pre/Post	●	●	
Maximum Voluntary Ventilation (MVV)	●	●	
Bronchochallenge - Bronchial Dilator/Constrictor test	●	●	
<b>Integrated Dosimeter</b>			
Bronchochallenge with integrated Nebulizer	○	○	
<b>Body Plethysmography (TGV/RAW)</b>			
Lung Volumes (TGV, TLC, FRC)	○	●	
Airway Resistance (RAW, sRAW)	○	●	
Conductance of Airways (GAW/sGAW)	○	●	
Pre/Post BD for TGV and RAW tests	○	●	
<b>Diffusing Lung Capacity (DLCO)</b>			
Single Breath w/ Breath Hold (DLCO <sub>sb</sub> )	○	○	
Single Breath w/o Breath Hold or Intra-breath (DLCO <sub>ib</sub> )	○	○	
Membrane Diffusing Capacity	○	○	
DLCO 3eq (3 equations method)	○	○	
Lung Volumes by DLCO Single Breath dilution	○	○	
<b>Lung Volumes (FRC - Wash-out)</b>			
Multi-Breath Nitrogen Wash-out	○		
Multi-Breath SF6 Wash-out			●
Lung Clearance Index (LCI)	○		●
Single-Breath 100% O <sub>2</sub> (Closing Volume)	○		
<b>Respiratory Mechanics</b>			
Maximum Inspiratory/Expiratory Pressure (MIP/MEP)	○	●	
Respiratory Drive (PO.1)	○	●	
<b>Forced Oscillation Technique (FOT)</b>			
Total Respiratory System Impedance (Zrs)	○	○	
Resistance (R) & Reactance (X)	○	○	
<b>Airway Resistance (Roccc)</b>			
Respiratory Resistance (Rint, Roccc, Roccc <sub>EX</sub> , Roccc <sub>IN</sub> )	○	○	
<b>Saturimetry</b>			
Integrated Pulse Oximeter (SpO <sub>2</sub> )	○		●
<b>Metabolic (CPET/REE)</b>			
Pulmonary Gas Exchange (VO <sub>2</sub> , VCO <sub>2</sub> , Anaerobic Threshold)	○		○
O <sub>2</sub> Kinetics (O <sub>2</sub> deficit, O <sub>2</sub> debt and time constant)	○		○
Indirect Cardiac Output (Wassermann)	○		
Non Invasive Cardiac Output (Rebreathing)			●
Indirect Calorimetry at rest (VO <sub>2</sub> , VCO <sub>2</sub> , RQ)	○		
Energy substrate utilization (%FAT, %CHO, %PRO)	○		
<b>Mixing Chamber</b>			
<b>Stress Testing ECG</b>			
Stress Testing ECG	○		
Resting ECG w/ Interpretation	○		
Full Disclosure ECG Analysis	○		
St Segment, St Slopes, Trends	○		
Arrhythmia Analysis w/stress	○		

● Standard    ○ Upgrade