

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

● Standard ○ Upgrade