

Midmark Diagnostics

IQspiro™ System Specifications

Features	
Usage	Easy to use, digital diagnostic spirometer
Graphics	Real time graphics – Flow-Volume, Volume-Time
Reports	Full size 8.5 x 11 inches, customizable and preprogrammed
Predicted equations	Adult: Crapo (Crapo/Knudson compilation, aka ITS, ATS), Knudson (1976 & 1983 compilation), European Community For Coal And Steel (ECCS) (1993), NHANES III (aka NLHEP, Hankinson), Morris, Roca Pediatric: Wang (1993), Knudson (1976 & 1983 compilation), Polgar (1971), Hsu, NHANES III, Zapletal, Eigen
Interpretation	NHANES III (NLHEP); ATS
Patient incentive screens	Candles, Thermometer, Tree & leaves, Tree, Leaves & monkeys, Tree, Leaves & pinwheel
Disposable Mouthpiece (DM)	Minimizes the chance of cross-contamination
EHR/EMR	Field proven seamless integration with more than 80 EHR/EMRs
Spirometry measurement principle	Fleisch Pneumotach – differential pressure reading of flow with a DM Volume determined by flow integration
Measuring Ranges	<ul style="list-style-type: none"> +/- 14 L/s – Flow +/- 8 L – Volume
Operating Conditions	<ul style="list-style-type: none"> 15°C to 40°C 10% to 90% Humidity, non-condensing
Analysis & Measurement	<ul style="list-style-type: none"> Automatic Back Extrapolation calculation Automatic Spirometry parameter calculation Automatic comparison to published Spirometry Predicted Equations (Reference Values) Automatic interpretation of test results
Parameters Measured	FVC, FEV.5, FEV1, FEV3, FEV6, FEV1/FVC, FEV3/FVC, FEV1/FEV6, FEV25%, FEV50%, FEV75%, FEV25-75%, FEV75-85%, FEV200-1200, FEV0.5/FIV0.5, PEF, FIVC, FIV0.5, FIF50%, PIF, Exp Time, V ext, MVV, MTV, RR, AT, AT%, VC, ERV, IRV, TV
Patient Contact	Single-use, disposable mouthpiece (Pneumotach)
Physical Characteristics	
Dimensions	7.75" x 2.5" x 1.75", 191 x 64 x 44 mm
Weight	9 oz. USB version, 9.5 oz serial version w/ batteries
Calibration	3-liter syringe
Serial version	Two (2) 1.5V AAA alkaline batteries
USB	Does not require batteries

For product inquiries, please contact Midmark Medical Customer Service at 1-800-MIDMARK, extension 88921.
For more information or a demonstration, contact Midmark, 60 Vista Drive, P.O. Box 286, Versailles, Ohio 45380-0286.
Call: 1-800-MIDMARK Fax: 1-800-365-8631 midmark.com