



Technical Specifications

Product	Description	REF
microQuark	PC-based Spirometer	C09061-01-99
Standard packaging	microQuark unit, flowmeter, adapters, carrying case, OMNIA® Software, user manual	
Measurements		
Spirometry	Forced Vital Capacity (FVC) Pre/Post/Challenge, Slow Vital Capacity (SVC) Pre/Post, Maximum Voluntary Ventilation (MVV)	
Hardware		
Dimensions & Weight	150 x45 x53 mm / 77 g	
Ports	USB	
Power supply	via USB	
Flowmeter	T2	
Type	Bidirectional digital turbine	
Flow Range	0-16 L/s	
Flow accuracy	± 5% or 200 mL/s	
Volume Range	0-12 L	
Volume accuracy	± 2.5% or 50 mL	
Resolution	12 mL	
Resistance	<0.8 cmH ₂ O /L/s @ 14L/s	
Software	OMNIA	
Available languages	English, Chinese (Traditional & Simplified), Czech, Danish, Dutch, French, German, Greek, Hebrew (interpretation only), Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish	
PC requirements	Windows 8.x (32 bit, 64 bit), Windows 10 (32 bit, 64bit), Windows 11 (64bit)	
OS requirements	CPU ≥ 2Ghz, RAM ≥ 4GB, HD ≥ 10GB for full installation, Monitor resolution ≥ 1366x768 pixel, ≥2 USB port	
Options/Accessories	Description	REF
Calibration syringe	3L certified syringe for measurements accuracy	C00600-01-11
Consumables	Description	REF
Antibacterial/Antiviral filter	Single use with oval mouthpiece (50 pcs.)	A-182-300-005
Nose clip	Single use (25 pcs.)	A-662-100-001
Safety & Quality Standards		
MDR (2017/745); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC)		

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