

Spiropalm 6MWT

Hand-held Spirometer



Technical Specifications

Product	Description	REF
Spiropalm 6MWT	Handheld Spirometer and Six Minute Walk Test	C09064-03-99
Standard packaging	Spiropalm 6MWT unit, flowmeter, flowmeter handle, masks (M), headcaps (S/M), oxymeter w/ finger probe, unit holder w/ belt, AC/DC adapter, USB cable, adapters, carrying case, OMNIA® Software, user manual	
Measurements		
6MWT	Ventilation (VE), Respiratory Frequency (RF), Dynamic Inspiratory Capacity (IC), Dyspnea & Fatigue (Borg Scale), Breathing Reserve (BR), Oxygen Saturation (SpO ₂), Heart Rate (HR)	
Spirometry	Forced Vital Capacity (FVC) Pre/Post, Slow Vital Capacity (SVC) Pre/Post, Maximum Voluntary Ventilation (MVV), Bronchoprovocation test	
Hardware		
Dimensions & Weight	185x86x31 cm / 390 gr	
Ports	USB-A, USB-B	
Display	LCD B/W 320 x 240 pixel	
Battery	Rechargeable Li-ion 3.7V, 1800 mAh,	
Power supply	100-240V, 50/60 Hz	
Internal memory	up to 1000 tests/patients	
Test duration (6MWT)	2-30 minutes	
Flowmeter		
ID 28		
Type	Bidirectional Digital Turbine	
Flow range	0-16 L/s	
Flow accuracy	± 2% or 20 mL/s	
Ventilation Range	0-300 L/min	
Resolution	12 mL	
Resistance	<0.8 cmH ₂ O /L/s @ 14 L/s	
Software		
OMNIA		
Available languages	English, Chinese (Traditional & Simplified), Czech, Dutch, French, German, Greek, Hebrew (interpretation only), Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Turkish	
PC Requirements	Windows 7 SP1 (32/64 bit) or Windows 8.x (32/64 bit) or Windows 10 (32/64bit), CPU ≥ 2GHz, RAM ≥ 4GB, HD ≥ 10GB for full installation, Monitor resolution ≥ 1366x768 pixel, ≥2 USB port	
Options/Accessories	Description	REF
Calibration syringe	3L syringe for measurements accuracy	C00600-01-11
Face Masks	Reusable oro-nasal mask (Petite, XS, S, M, L)	C0370X-01-10
Headcap	Reusable headcap (Petite/XS, S/M, L)	A-800-900-02X
Filter adapter	Reusable for tests with antibacterial/antiviral filters	C05085-01-20
Consumables	Description	REF
Antibacterial/Antiviral filters	Single use with round mouthpiece (50 pcs.)	A-182-300-004
	Single use with oval mouthpiece (50 pcs.)	A-182-300-005
Rubber mouthpiece	Single use (200 pcs.)	C00568-01-98
Nose clip	Single use (25 pcs.)	A-662-100-001
Safety & Quality Standards		
	MDD (93/42 EEC); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC)	

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