



Technical Specifications

Product	Description	REF
Fitmate	Desktop Indirect Calorimetry	C09066-01-99
Standard packaging	Fitmate unit, AC/DC Adapter, Flowmeter ID 18, Sampling line, Oxygen Sensor, Thermal paper, Rubber mouthpieces (5 pcs), USB cable, Body meter, Fitmate PC Software, Fitmate case	
Standard Measurements		
Nutritional Assessment	Resting Energy Expenditure (REE, RMR) with mouthpiece or face mask, Weight Management Program (Energy Balance), Diet Planner, Standardized Measurements (WHR, BP, RHR, etc), Body composition by Skinfold	
Hardware		
Dimensions & Weight	198x235x66 mm, 1.4 Kg	
Ports	USB-A, USB-B, RS 232	
Display	Color backlight LCD, 320x240 pixel	
Printer	Built-in high speed thermal printer	
Battery	Rechargeable Li-Ion, 7.4V, 2600 mAh	
Electrical Requirements	100-240V, 50/60 Hz	
Flowmeter		
	ID 18	
Type	Bidirectional Digital Turbine	
Flow range	0.02-6 L/s	
Flow accuracy	±2% or 20 mL/s	
Ventilation range	0.04-50 L/min	
Ventilation accuracy	±2% or 100 mL/min	
Resistance	<0.27 cmH ₂ O/L/s @1L/s	
Gas Analyzers		
	Oxygen (O ₂)	
Type	GFC	
Range	0-25%	
Accuracy	±0.02% Vol.	
Resolution	0.01% Vol.	
Embedded Software		
Languages	Italian, English, Spanish, French, German, Portuguese, Greek, Dutch, Turkish, Chinese, Korean, Japanese, Finnish, Polish, Russian, Slovenian	
Software		
	Fitmate Suite	
Languages	Italian, English, Spanish, French, German, Portuguese, Greek, Dutch, Chinese, Korean, Japanese, Finnish, Russian, Slovenian	
PC requirements	Windows® XP, Vista, 7, 8, 10 (32/64 bit), ≥1 USB	
Options/Accessories		
Options/Accessories	Description	REF
Canopy Module	Canopy hood and blower for gold standard indirect calorimetry	C03950-01-11
Fitmate cart	Wheeled cart with basket and accessory shelf	C02950-01-11
Calibration syringe	3L certified syringe for measurement accuracy	C00600-01-11
O2 sensor replacement kit	O2 sensor, sampling line and mounting key	C02748-01-11
Heart Rate	HR receiver	C02636-01-06
	HR transmitter	A-661-200-002

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Consumables	Description	REF
Antibacterial/Antiviral filter	Single use with oval mouthpiece (50 pcs.)	A-182-300-005
	Single use with round mouthpiece (50 pcs.)	A-182-300-004
Nose clip	Single use (25 pcs.)	A-662-100-001
Thermal paper	11 m rolls for thermal printer (10 pcs.)	A-196-056-001
Rubber Mouthpiece	Single use (200 pcs.)	C00568-01-98
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
Canopy veil	Single use veils (50 pcs.)	C04690-01-10
Sampling Line	Reusable gas sampling line	C02807-01-08
O2 sensor	User replaceable O2 sensor	A-558-250-005
Safety & Quality Standards		
MDD (93/42 EEC); FDA 510(k); EN 60601-1 (safety) / EN 60601-1-2 (EMC)		



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