Specification Sheet



AeroFit Specifications

- Calibration: NIST Traceable
- Input Voltage: 12VDC, Center Positive, 3A Max
- Power Supply: Universal, 100-240VAC, 50/60Hz 1 A Max
- Operating Temperature: 5 to 45°C
- Humidity Range: 20 to 80%, Non-Condensing
- Setup Memory: 20GB
- Size: (H) 11 x (W) 4.4 x (D) 15 inches
- Weight: 8.5 lbs
- Touchscreen: Capacitive Touch (800 x 480 pixel display)

Accessories

- USB Cable, Power Supply, Shell for Battery Compartment, USB with AeroFit Manual/Logic Software/Training Videos, Twin Tube Assembly, Ultrasonic Humidifier & Power Cord, Alcohol Fill Capsule, Storage Cap, (10) 2oz bottles of Regent Grade Isopropyl Alcohol, Alcohol Wick & Wick Screen (2 Pack), Probe Insertion Tool, N95 Refill Kit (500 Pushnuts & Probes + Lanyard)

USB Interface

- 4 Type A Ports (Keyboard, USB Memory, Printer)
- 1 Type B Port (PC Communication)

Dynamic Range

- Fit Factor Range: 1 to >10,000 or 1 to 200+ for <99% efficient respirators (e.g., N95).
- Flow Rate: Sample 120 cm3/min; Total 700 cm3/min
- Fit Factor Measurement: Direct measurement of fit factor = (Cout/Cin)
- Temperature Range: Operation 32 to 100°F (0 to 38°C); Storage -40 to 122°F (-40 to 50°C)
- Working Fluid: 99.5% reagent grade isopropyl alcohol. Run time per charge: 8 hours at 70°F (21°C)
- Concentration Range: 0 to 100,000 particles/cm3
- Particle Size Range: 20 to 1000 nm

Warranty Instrument Coverage

- Two-Years Parts and Labor
- Accessory Coverage: One Year Parts and Labor.
- Technical Support: No charge phone support to original owner of instrument

OHD Logic Software

- PC Requirements: 1 GHz or better
  RAM 1 GB or greater. Port Disc Space 16GB
- Operating System: Windows 10

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