



Primary Specifications : Automated Air/Water Test Kit - AW-1000.4

1	Applications	ASTM, AAMA, WDMA, NAFS, Field Testing, Laboratory Testing, Quality Control, R&D, Training Sessions, Trade Show Display	
2	Test Procedure & Standards	Air Infiltration (ASTM E273 & E783) : Water Resistance (ASTM E331, E547 & E1105)	
3	Test Pressure Capacity (Max)	26.1 psf (both positive & negative)	1250 Pa (both positive & negative)
4	Airflow Measurement Capacity (Max)	40.0 CFM (infiltration/exfiltration)	19 L/s (infiltration/exfiltration)
5	Built-in Blower	High Capacity Brushless Variable Speed Blower (Max Flow - 130 CFM - 62 L/s) - fan curve available upon request	
6	Operation Modes	MANUAL mode : select 'Manual' on toggle switch - control blower with rotary dial and monitor Pressure & Airflow on the built-in display AUTOMATED mode : select 'Auto' on toggle switch - connect PC to USB port, load software and run tests via PC (not included)	
7	On-Board Color Display	High intensity daylight visible display is activated in 'Manual Mode' and will display English (psf, CFM) or Metric (Pa, L/S) units	
8	Power Requirement / Power Cord	110 VAC (10 A) : 10 ft removable right angle power cord stores securely in lid when not in use	
9	Vacuum Hose	6 ft hose with integral pressure monitoring tube with quick connect fitting stores securely in lid when not in use	
10	USB Interface	Standard USB 2.0 cable connects to AW-1000 for automated PC control	
11	Physical Specs. (W, H, D, weight)	Case Closed: 24.5" x 10.5" x 16.25" (35 lbs)	Case Closed: 622 mm x 267 mm x 413 mm (6 kg)
12	Operating Temperature Range	32 - 122 °F	0 - 50 °C
13	Mobility	Portable : wheels with retractable handle - flight friendly	
14	Accessories Outlet	Covered 110 VAC single outlet (10 Amp) available for laptop power supply or other devices	
15	Safety Functions	Fused Main Power Module (with 10 Amp spare fuse)	
Option 1	Upgrade	Environmental Monitoring Module ("Auto" mode only): Collects Temperature, Humidity (% RH), Barometric Pressure and corrects airflow	
Option 2	Equipment	BP-1000 : Auxiliary Blower Pack - Run in-synchronous with the AW-1000 Test Kit using the supplied cable to doubles testing capacity	
Option 3	Calibration Accessory	Complete AC-1000 Air Flow Calibration System includes: Three (3) NIST traceable orifice plates & custom portable case meeting the requirements of the field calibration box in AAMA 204 / ASTM E783	
Option 4	Calibration Accessory	Air Flow Calibration Plates (only) - NIST traceable orifice plates 1.000", 1.500", 2.000" - other plate sizes can be ordered upon request	