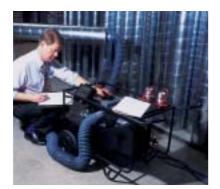
## Low Velocity Air Leakage Tester, High Velocity Air Leakage Tester

These two units provide contractors, commissioning engineers and research and development technicians with a comprehensive choice of equipment to test and quantify air leakage. All forms of HVAC ductwork and components may be pressurised across a range of low, medium and high velocity applications to conform with DW143 and DW144 ductwork leakage specification. Virtually anywhere low pressurisation is necessary, in laboratory clean rooms, test cells and sealed enclosures Airflow leakage testers will provide a fast, accurate measurement solution. The method of measurement of air flow rate is a primary standard directly related to BS 848. Part 1.

- Fast, Effective Electronic commissioning and Flow Control in Metric or Imperial units
- LM1 Leakage Manager provides instantaneous Display of Actual Ductwork Leakage and Test Pressure
- Portable, fits in an Estate car
- No more levelling or topping up of fluid manometers. Auto zero facility
- Two models up to 354 l/sec and 2500 Pascals
- Tests to DW143 and DW144 Class A, B and C Ductwork
- IP65 control case with easy read backlit display for on-site conditions
- Adjustable clamping angle display
- Nozzle in use and over range prompts
- Flow measurement to BS848 (Part 1)
- Fundamental manometry readout kit available as an option
- HVAC Ductwork, Plenum and Damper checks
- AHU Enclosures and laboratory containment for COSHH
- Grille, Diffuser and Linears Pressure testing
- Modification kit available for negative pressure testing
- Certificate of calibration to National Standards
- HVAC, laboratory containment, enclosure integrity checks





Low velocity leakage tester



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LM1 Leakage Manager

display unit



## SPECIFICATION

	LVLT		HVLT	
Air performance at max fan speed	Metric	Imperial	Metric 110v Unit	Imperial 110v Unit
	354 l/s @ 500 Pa 189 l/s @ 1000 Pa 1274 m <sup>3</sup> /Hr @ 500 Pa	750cfm @ 2 ins wg 400cfm @ 4 ins wg	50 l/s @ 2500 Pa 180 m <sup>3</sup> /Hr @ 2500 Pa	106cfm @ 10 ins wg
	680 m³/Hr @ 1000 Pa		240V unit	240V unit
			67 l/s @ 2500Pa 241 m³/Hr @ 2500Pa	142cfm @ 10 ins wg
OW143 Classification	AB	AB	ABC	ABC
Notor Data	2850 rpm max speed 1.1kW single phase 50Hz 110V (13 amp) 240V ( 6 amp)		7000 rpm max speed 0.5kW brush motor 110V (10 amp) 240V (6 amp)	I NOTE: Continuous use will accelerate brush wear
low rate/ pressure control	Manual damper		Speed controller	
lexible ducting 7 metres 12ft) long with and fitting	203mm (8") diameter		102mm (4") diameter	
Overall size	1370mm long x 570mm wide x 600mm high (4ft 5in long x 1ft 8in wide x 2ft high)		1050mm long x 570mm wide x 590mm high (3ft 4in long x 1ft 8in wide x 1ft 9in high)	
Veight Trolley	49Kg	108lbs	35Kg	77lbs
Ducting	7Ka	15lbs	3Ka	6.6lbs



## SPECIALISTS IN AIR MOVEMENT TECHNOLOGY

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Airflow Lufttechnik GmbH, Postfach 1208, D-53349 Rheinbach, Germany. Telefon: 02226/9205-0, Telefax: 02226/9205-11 Airflow Technical Products Inc., P.O. Box 372, 219 Route 206, Andover NJ 07821, USA Telephone: 973-786-6386. Fax: 973-786-7586 Airflow Lufttechnik GmbH, o.s. Praha, Hostýnská 520, 108 00 Praha 10 - Maleòice, Czech republic. Telefon a fax 02-77 22 30 irflow Developments Limited reserve the right, in the interest: f continuous development, to alter specifications without rior notice. All orders are accepted subject to our conditions f sale which are available on request.

