

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

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DATA-SHEET



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WHY BUY
WHEN YOU CAN HIRE

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



LM1 Leakage Manager display unit



High Velocity Leakage tester

SPECIFICATION

Air performance at max fan speed	LVL		HVL	
	Metric	Imperial	Metric	Imperial
	354 l/s @ 500 Pa 189 l/s @ 1000 Pa 1274 m³/Hr @ 500 Pa 680 m³/Hr @ 1000 Pa	750cfm @ 2 ins wg 400cfm @ 4 ins wg	110v Unit 50 l/s @ 2500 Pa 180 m³/Hr @ 2500 Pa 240V unit 67 l/s @ 2500Pa 241 m³/Hr @ 2500Pa	110v Unit 106cfm @ 10 ins wg 240V unit 142cfm @ 10 ins wg
DW143 Classification	A B	A B	A B C	A B C
Motor 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)	
Flow rate/ pressure control	Manual damper		Speed controller	
Flexible ducting 3.7 metres (12ft) long with end 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)	
Weight Trolley	49Kg	108lbs	35Kg	77lbs
Ducting	7Kg	15lbs	3Kg	6.6lbs

Low Velocity Air Leakage Tester, High Velocity Air Leakage Tester

INLEC, supporting you to deliver a world class service, every day, in every sector ...



OUR COMMITMENT TO YOU

A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

YOUR 5 WAY GUARANTEE

1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application*.

4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

*subject to availability and conditions

Europe's leading Test Equipment Hire Specialist



LAB NO. 0535



Nationwide Low Call 0333 6000 600

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