

Filteralert

Accurate, reliable dial gauges for low pressure monitoring of air filters and the general performance of HVAC, process and dust extraction systems. Filteralert gauges are compact, durable and simple to fit. The clear, easy to read dial displays positive, negative or differential air pressure enabling the constant monitoring of air filter conditions. It is not just filter performance either, accurate, repeatable air and inert gas readings can be monitored across a wide range of applications including process control and local exhaust ventilation installations, helping compliance with U.K. Health and Safety and COSHH (Control of Substances Hazardous to Health) regulations. Requiring virtually no maintenance all pressure gauges are manufactured in accordance with BS EN 837-1.

APPLICATIONS

- Air filter condition
- Air handling systems
- Fan static pressure
- COSHH compliance
- Fume extraction
- Process Leakage

Pressurealert

High resolution, low pressure dial gauges for air and inert gas monitoring in clean rooms, process control and hvac systems. Pressurealert gauges are designed for fast, accurate measurement of positive, negative and differential pressure. The large, clear dial provides instant, highly readable pressure measurement in a wide range of low and medium pressure applications. Requiring virtually no maintenance, accurate, repeatable readings can be relied upon for calibration, health and safety and process control installations. Furthermore, when connected to a pitot static tube, velocity pressure which is easily converted to air velocity and then air volume flow can be determined.

APPLICATIONS

- Clean room differential*
- Laminar flow cabinets
- Low pressure processes
- Inflatable structures
- Fan and blower performance
- Pressure instrument calibration.

SPECIFICATIONS COMMON TO ALL GAUGES

Standards	ISO9002, BS EN837-1
Max overload	1 bar
Connection size	Push on 6mm o/d ribbed connector
Sensor	Beryllium copper capsule
Mounting	Surface with flange and side connections for pressure
Case material	Steel finished acrylic blue
Bezel	Stainless steel
Construction	Weatherproof to IP66
Materials in contact with pressure media	Brass, Beryllium Copper, Acrylic, Neoprene

OPTIONAL ACCESSORIES

Fixing Kit – comprising 2m grey PVC tube 4.5mm bore.
Two duct connectors c/w screws and spacers for insulated ducts. "Filter clean" and "Change filter now" stickers.
Manometer balancing valve.
PVC tube up to 100m coil, 4.5mm bore (grey).
Pitot static tubes (various lengths).
Air velocity calculator.

AIRFLOW™

AIR FLOW BALANCING

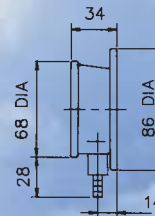
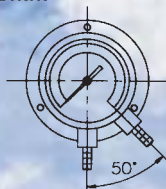


FILTERALERT

MODEL	MDG 400	MDG 1000
RANGE	0-400Pa	0-1000Pa
RESOLUTION	10Pa	20Pa
DIAL SIZE (dia)	63mm	63mm
ACCURACY	±1.5% of full scale reading	

*Higher ranges available to order

63mm



PRESSUREALERT

MODEL	LDG 500	LDG 1000	LDG 10K
RANGE	0-500Pa	0-1000Pa	0-10kpa
RESOLUTION	20Pa	20Pa	0.1kpa
DIAL SIZE (dia)	100mm	100mm	100mm
ACCURACY	±1.5% of full scale reading		

*125Pa version available to order

100mm

