Filter Loss Manometers

Three types are available, the metal type FL 1.5 inclined gauge for general use, the type FL 4 vertical gauge for higher pressure work and the AFL 400 plastic filter loss gauge. Both metal instruments are die cast in aluminium utilising glass sight tubes supported along their length for rigidity. The scales are moveable for adjustment of the zero setting, and are boldly printed. By applying the latest ultrasonic manufacturing techniques a virtually unbreakable plastic slimline gauge has been produced which totally eliminates the problems of parallax error and fogging associated with old style perspex manometers. All gauges are supplied with a fixing kit comprising 2 metres of flexible pressure tube, a pair of self-sealing duct connectors, 'Filter Clean', and 'Change Filter Now' self-adhesive labels, spare manometer fluid and self-tapping fixing screws. These gauges have the benefit of giving a continuous display of the filter condition. As no flow of air passes through the unit, there is a further advantage in that for practical purposes there is no limit to the distance between the filter and where one mounts the gauge.

- Low cost 'at a glance' filter condition check
- Virtually unbreakable and weather resistant for on-site use (AFL400)
- Precision measurement with high clarity scale
- Calibrated for life, minimal maintenance
- Great value with badged OEM versions to order
- Saves you money on filter efficiency, plant performance, laboratory safety.

EKM Contact Manometers

Designed to provide continuous monitoring of changes in positive, negative or differential pressure in air handling systems with a high degree of accuracy, these neat but ruggedly-constructed instruments use a U-tube manometer which constantly displays the working pressure. Two options are available. The standard unit has an integral visual/audible alarm system with additional outputs enabling remote switching of alarms etc. to be used, if required.
The simplified version is a switch designed only to trigger external warning lights or alarms.
A high pressure version with alarms is available to special order.
The alarm system can be controlled by either of two modes, Manual or Automatic, by means of a selector switch mounted on the side of the instrument casing. In the Manual mode the alarm will sound continuously until the system problem is rectified and the instrument reset by switching to Automatic and back to Manual. The Automatic reset mode is designed for very slow changing pressure conditions with automated remedial action.

SPECIFICATION

Type	Pressure Range, all scales start at zero						Overall dimensions				
	Inches WG (Sub Divisions)		mm H_2O (Sub Divisions)		Pascals*		Fluid at 20°C Density	Nominal Scale Length	Height	Width	Depth
								mm	mm	mm	mm
AFL400	1.5	(0.2)	40	(1)	400	(10)	0.784	130	122	195	15
FL 1.5	1.5	(.02)	40	(1)	400	(10)	0.784	130	116	215	30
FL4	4	(.1)	100	(1)	1000	(10)	0.784	130	232	38	32
EKM1000S	-		-		1000	(20)	0.784	-	243	102	44
EKM1500S	-		-		1500	(20)	1.114	-	243	102	44
EKM1000	-		-		1000	(20)	0.784	-	243	102	44
EKM1500	-		-		1500	(20)	1.114	-	243	102	44
EKM2250	-		-		2250	(50)	1.7	-	243	102	44

Accuracy @ 20ºC 1013mb Better than ± 3% of Reading

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