

## KAL84 Pressure Calibrator

The KAL84 is a lightweight, portable meter that is a useful combination of digital micromanometer with an integral pressure generator source. The instrument provides a quick and simple means of checking and calibrating a wide variety of air and non-aggressive gas pressure sensors, transmitters and other measuring instruments, particularly those operating at low pressures.

Highly accurate with excellent repeatability the KAL84 is designed for the rigours of both laboratory and on-site use.

- Combined manometer/calibrator
- High sensitivity pressure adjustment
- Four versions available in a choice of pressure units
- Large clear, back lit display
- Variable response time setting damps fluctuating pressures



PARAMETER			
Pressure Range	KAL84/100	0-100 Pa	0-1 mb
	KAL84/1000	0-1000 Pa	0-10 mb
	KAL84/10k	0-10 kPa	0-100 mb
	KAL84/100k	0-100 kPa	0-1000 mb
Max Overload (differential pressure)	Plus 79% of range in use		
Displacement Volume (Generator)	100 cm <sup>3</sup> (1, 10 and 100 kPa)		
	200 cm <sup>3</sup> (100 pa)		
Accuracy	± 0.5% ± 1 Digit		0-1 Pa, 1000, Pa 10 kPa
	± 1% ± 1 Digit		0-1000 kPa
Temperature Range (working)	0° to 60°C		
	-10° to 70°C		
Output	0-1 mA on each range		
Power Supply	1 x 9 volt cell type PP3 or equivalent		
Battery Life	In excess of 80 hours		
Overall dimensions	265 mm x 90 mm x 180 mm		
Weight (less Battery)	3.0 Kg		
Standard Accessories	Meter, Calibration Certificate		
Optional Accessories	Mains adaptor Carry case		

## DB2 Digital Barometer

The DB2 electronic barometer is a compact portable instrument which is so versatile it may be used in a variety of modes as an absolute pressure barometer differential pressure manometer and vacuum meter. Fully microprocessor controlled with data logging capabilities, RS232 and analogue outputs the meter can be hand-held or permanently mounted in the laboratory, classroom, test house or office with a suitable fixing pad. Supplied with calibration certificate, carry case. The optional Windows® compatible software allows further interrogation and analysis of measured values.

- 700 Readings data logging capability
- Optional Windows® software
- Lightweight, robust, easy to use. Pipe connectors included
- Battery or mains operation. Carry case supplied



PARAMETER	
Absolute Pressure	0-2000 mbar
Differential Pressure	± 1000 mbar
Accuracy	± 0.5% of reading ± 1 Digit
Resolution	1 mbar
Operating Temperature	0 to 40°C
Memory Size	700 Readings
Digital Output	RS232
Analogue Output	± 1 volt
Power Supply	1 x 9 volt battery PP3 or equivalent
Battery Life	Approximately 50 hours
Overall Dimensions	150mm x 80mm x 30 mm
Weight (less Battery)	240 gm
Standard Accessories	Protective Carrying Case

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