

380

Pressure calibrators



Model	Range (bar)	Accuracy (FS)	Resolution (FS)
PC3-2	-1 to 2	0.05%	0.035%
PC3-5	-1 to 5	0.05%	0.035%
PC3-10	-1 to 10	0.05%	0.035%
PC3-20	-1 to 20	0.05%	0.035%
PC3-40	0 to 40	0.1%	0.03%
PC3-200	0 to 200	0.1%	0.03%
PC3-350	0 to 350	0.1%	0.03%
PC3-700	0 to 700	0.1%	0.03%

Model	Caution pressure (FS)	Overload Pressure (FS)
PC3-2	10%	25%
PC3-5	10%	25%
PC3-10	10%	25%
PC3-20	10%	25%
PC3-40	5%	15%
PC3-200	5%	15%
PC3-350	5%	15%
PC3-700	5%	15%

Pressure units	bar, mH2O, in Hg, mm Hg, lbf/in2, kPa
Overload warnings Caution Overload	Flashing display and audible warning Flashing display and audible warning. Recalibration message every time switched on.
Voltage V DC Resolution Accuracy	0 to 10V 3 mV 0.05% F.S.
Switch test status	open/closed
Zero reset	Manual - key board operation
Display	16 character x 2 line Alphanumeric Dot matrix, backlit Superwist Nematic display
Micro Processor	MICRO HD 63701 X0F
RS232 parameters Output Interval Start bit Data length Stop bits Baud rate	1, 5, 15, 30 seconds 1, 2 or 5 minutes 1 8 bits, ASCII format, no parity 1 or 2 110, 300, 1200, 4800 or 9600
Calibration temp.	20°C +/- 2°C
Operating temp.	0 to 45 °C
Storage temp.	-20 to 70°C
Temperature effects	0.01% of reading/°C between 10 to 40 °C
Humidity	5 to 95% RH none condensing
Power supply	6V rechargeable
Low Battery	Continuous check, Audio/visual warning
Dimensions	215 x 148 x 80mm
Weight	1.1 kg (indicator only)

Connections			Additional features	Optional extras
Pressure	1/8 BSP	Female	Display Freeze, Display Backlight, Auto Shut Off	Data Capture Software for IBM compatible or PSI Organiser Test Kit - Plugs (Leads)
Voltage	4mm	Socket		
Current	3.5mm	Jack Socket		
Pressure Switch	4mm	Socket		
Ground	4mm	Socket		

INFORMATION ON OTHER PRESSURE RANGES / PRESSURE UNITS AVAILABLE ON REQUEST