

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