

The Rototherm DG75 is a high-accuracy, high-resolution digital gauge which measures and displays pressure. Designed for direct mounting, the DG75 is suitable for highly accurate measurement of pressure in critical process areas. The DG75 features a piezoresistive pressure sensor, protected by stainless steel wetted parts, making it compatible a wide range of gases and liquids. The instrument is housed in a high quality aluminium case.

TECHNICAL SPECIFICATION

Features:

- Cast aluminium epoxy painted case with membrane button keypad.
- Stainless Steel wetted parts.
- Units of measure – bar, psi, mbar, kPa, MPa, kg/cm², inHg, Metres Hd.
- Max/Min – the gauge can store & display the highest or lowest pressure point reached over a period of time. The user will press a button to start & stop the function.
- Zero – the gauge can be re-set to 0 when measuring ambient pressure.
- IP67 ingress protection.
- Range of thread sizes available. ¼" BSP standard.
- Battery powered:
 - 2x AA (non-ATEX only).
- Accuracy: 0.25% Full Scale (0°C to 50°C).
- Overload pressure 1.5x full scale.
- Pressure Types: Gauge, Absolute.
- Battery Life: 1 year when switched on. Gauge can be switched off using push button pad.



For gauge pressure, all ranges will be compound scale, with the negative pressure limit 10% of full scale. Similarly, all gauges can read 10% over the stated range.

Example: DG75-40G1B1

CODE >>> DGX75 -
note: X = ATEX version

PRESSURE	PRESSURE CONNECTION	CALIBRATION
0-40 Gauge	1/4" BSP	Factory Cal

40G

1B

1

minus1-0 bar	N1 (G)
0-0.2 bar	0.2 (G)
0-0.7 bar	0.7 (G)
0-1 bar	1 (G/A)
0-3.5 bar	3.5 (G/A)
0-7 bar	7 (G/A)
0-10 bar	10 (G/A)
0-20 bar	20 (G/A)
0-30 bar	30 (G/A)
0-40 bar	40 (G/A)
0-70 bar	70 (G/A)
0-150 bar	150 (G/A)
0-200 bar	200 (G/A)
0-350 bar	350 (G/A)
0-400 bar	400 (G/A)
0-700 bar	700 (G/A)
0-1000 bar	1000 (G/A)

A = Absolute

G = Gauge

1	Factory Calibration
2	UKAS Calibration
3	No Calibration

1/4" NPT	1N
1/2" BSP	2B
1/2" NPT	2N