

Pressure Instruments

2000 Series

Easy to operate, reliable and robust the 2000 Series Pressure instruments surpass the performance and cost demands of today's industrial & HVAC markets.

Combining innovative functions with high accuracy and speed of response they are designed to make the operator's job simple and efficient.

The 2000 Series offers twin input for differential or gauge measurement with pressure ranges from 25mbar to 10bar. Advanced features include auto leak detection and logging – logs can be viewed on the meter or downloaded to a PC. All instruments are dust and waterproof as standard (IP67) and optional coloured rubber boots are available adding protection and style to these multifunctional pressure instruments.

Key Features

- Pressure ranges from 25mbar to 10bar
- Logging and leak testing – ideal for more accurate gas tightness test
- Positive and negative (vacuum) pressure measurement
- Auto ranging displays – for precise readings
- Selectable auto switch-off – saves on operation cost and battery life
- IP67 BSI Cert 229/000132 – Dust and waterproof for added protection
- Selectable pressure units: psi, mbar, inH2O, mmH2O, mmHg, inHg, Pa

Applications

- HVAC
- Industrial
- Laboratories
- Clean Rooms
- Service/Maintenance
- Calibration
- Air conditioning

Optional Extras

- 2000BT Protective Rubber Boot
- 6mm Nylon Tubing
- 6mm Nylon 'T' Piece
- Carry Case
- Calibration Certificate
- Digilink Logging Interface
- Software
- Pressure Pump Max 5bar
- Vacuum Pump Max -750mbar



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Specification

Operating Temperature	0° C to +50°C/+14°F to +122°F (ambient)
Battery Type	Two A A or equivalent cells (not supplied)
Battery Life	Typically 200 hours
Low Battery Check	Symbol appears on display
Display	12.7mm / 0.5" custom L.C.D.
Over range/Under range	'Out' displayed
Environmental Specifications	IP 67 as standard with hose connected
Auto Switch - Off Time	12 minutes
Dimensions	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
Weight	18 0g/6.4oz
Instrument accuracies	0.15%rdg +0.15%fs + 1 digit.
From -10°C to +50°C/+14°F to +122°F	0.3%rdg +0.3%fs to +1 digit (-Ve Pressures)

Model Options	2020P	2021P	2022P	2023P	2024P	2025P	2026P	2028P						
Operating Range	25 mbar	130 mbar	2 bar	7 bar	† External transducer	2 bar Absolute	0 to 10 bar	1 bar						
Over range	350 mbar	750 mbar	4 bar	10 bar		4 bar Absolute	21 bar	2 bar						
Backlight	•	•	•	•	•	•	•	•						
of range Out	•	•	•	•	•	•	•	•						
Zeroing	•	•	•	•	•		•	•						
Hold	•	•	•	•	•	•	•	•						
Smoothing	•	•	•	•	•	•	•	•						
of Pressurits	•	•	•	•	•	•	•	•						
Lock Range	•	•	•	•	•	•	•	•						
Max/Min	•	•	•	•	•	•	•	•						
AbsolZeroing						•								

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Pressure Scales

	20x0P	20x1 P	20x 2P	20x 3P
mbar	0 to 1 999 μ bar ++0.00 to 25.00 mbar	0. 00 to 19.99 mbar + 0.0 to 130.0 mbar	0. 0 to 199.9 mbar + 0 to 1999 mbar	0 to 1 999 mbar + 0.00 to 7.00 bar
Pa	0. 0 to 199.9 Pa + 0 Pa to 2500 Pa	0. 00 to 13.00 kPa	0. 00 to 19.99 kPa + 0.0 to 199.9 kPa	0. 0 to 199.9 kPa + 0 to 700 kPa
in H ₂ O	0. 00 to 10.05"	0. 00 to 52.28"	0. 0 to 199.9" + 0 to 804"	0. 0 to 199.9" + 0 to 2815"
m H ₂ O	0. 00 to 19.99 mm + 0.0 to 255.3 mm	0. 0 to 199.9 mm + 0 to 1320 mm	0. 00 to 20.43 m	0. 00 to 19.99 m + 0.0 to 71.5 m
in Hg	0. 00 to 0.73"	0. 00 to 3.83"	0. 00 to 59.00"	0. 00 to 19.99" + 0.0 to 206.7"
m Hg	0. 00 to 18.75 mm	0. 00 to 19.99 mm + 0.0 to 97.5 mm	0. 00 to 19.99 cm + 0.0 to 150.0 cm	0. 00 to 5.25 m
PSI	0. 00 to 0.36 psi	0. 00 to 1.88 psi	0. 00 to 29.00 psi	0. 00 to 19.99 psi + 0.0 to 101.5 psi
	20x5P Absolute	20x6 P	20x 7P	20x 8P
mbar	0. 0 to 199.9 mbar + 0 to 1999 mbar	0 to 1 999 mbar + 0.00 to 10.00 bar	0. 0 to 199.9mbar + 0 to 500mbar	0. 0 to 199.9mbar + 0 to 1000mbar
Pa	0. 00 to 19.99 kPa + 0.0 to 199.9 kPa	0. 0 to 199.9 kPa + 0 to 1000 kPa	0. 00 to 19.99kPa + 0.0 to 50.0kPa	0. 00 to 19.99kPa + 0.0 to 100.0kPa
in H ₂ O	0. 0 to 199.9" + 0 to 804"	0. 0 to 1999" + 0 to 4022"	0. 0 to 199.9" + 0 to 201"	0. 0 to 199.9" + 0 to 402"
m H ₂ O	0. 00 to 20.43 m	0. 00 to 19.99 m + 0.0 to 102 m	0. 00 to 5.11m	0. 00 to 10.22m
in Hg	0. 00 to 59.00"	0. 00 to 19.99" + 0.0 to 295.3"	0. 00 to 14.75"	0. 00 to 29.5"
m Hg	0. 00 to 19.99 cm + 0.0 to 150.0 cm	0. 00 to 7.50m	0. 00 to 19.99cm + 0.0 to 37.5cm	0. 00 to 19.99cm + 0.0 to 75.0cm
PSI	0. 00 to 29.00 psi	0. 00 to 19.99 psi + 0 to 145.0 psi	0. 00 to 19.99 psi + 0.0 to 145.0 psi	0. 00 to 14.50psi