digitron
a brand of Elektron Technology

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.



2020P

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

elektron technology

Digitron
info@digitron.co.uk
www.digitron.co.uk

Woodland Road
Torquay, Devon
TQ2 7AY

Tel: +44 (0)1803 407700

Pressure Instruments 2000 Series

Specification

Operating Temperature	0°C to +50°C/+14°F to +122°F (ambient)
Battery Type	Two AA 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	IP67 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	180g/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	2027P	2028P	2082P	2083P	2084P	2085P	2086P
Operating Range	25mbar	30mbar	2bar	7bar	† External transducer	2bar Absolute	0 to 10bar	500mbar	1 bar	2bar	7bar	† External transducer	2bar	0 to 10bar
Over range	350mbar	750mbar	4bar	10bar		4bar Absolute	21bar	1ba	2 bar	4bar	10bar		4bar Absolute	21bar
Backlight	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Out of range	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Zeroing	•	•	•	•	•		•	•	•	•	•	•		•
Hold	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Smoothing	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Units of Pressure	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Range Lock	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Max/Min	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Zeroing Absolute						•							•	
Averaging										•	•	•	•	•
Leak Testing										•	•	•	•	•
Logging										•	•	•	•	•

Digitron
info@digitron.co.uk
www.digitron.co.uk

Woodland Road
Torquay, Devon
TQ2 7AY

Tel: +44 (0)1803 407700

Pressure Instruments 2000 Series

Pressure Scales

	20x0P	20x1P	20x2P	20x3P
mbar	0 to 1999 µbar ++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 1999 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 H2O	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 H2O	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	**20x6P**	**20x7P**	**20x8P**
mbar	0.0 to 199.9 mbar + 0 to 1999 mbar	0 to 1999 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 H2O	0.0 to 199.9" + 0 to 804"	0.0 to 199.9" + 0 to 4022"	0.0 to 199.9" + 0 to 201"	0.0 to 199.9" + 0 to 402"
m H2O	0.00 to 20.43 m	0.00 to 19.99 m + 0.0 to 102.2 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 + 0.0 to 145.0 psi	0.00 to 19.99 psi + 0.0 to 145.0 psi	0.00 to 14.50psi

Digitron
info@digitron.co.uk
www.digitron.co.uk

Woodland Road
Torquay, Devon
TQ2 7AY

Tel: +44 (0)1803 407700