

## 2000P Series

**Easy to operate, reliable and robust** the 2000P 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 2000P Series offers twin input for differential or gauge measurement with pressure ranges from 25mbar to 10bar. 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.

### General Specification

<b>Operating Temperature:</b>	0°C to +50°C/+14°F to +122°F (ambient)
<b>Battery Type:</b>	Two AA or equivalent cells (not supplied)
<b>Battery Life:</b>	Typically 200 hours
<b>Low Battery Check:</b>	Symbol appears on display
<b>Display:</b>	12.7mm / 0.5" custom L.C.D.
<b>Over range/Under range:</b>	'Out' displayed
<b>Environmental Specifications:</b>	IP67 as standard with hose connected
<b>Auto Switch-Off Time:</b>	12 minutes
<b>Port Size:</b>	4 mm, 1/8 BSP
<b>Dimensions:</b>	155 x 67 x 40mm/6.1 x 2.6 x 1.6"
<b>Weight:</b>	180g/6.4oz
<b>2000P Series Instrument Accuracies (except 2020P7):</b>	+20 to +50°C: 0.10% of RDG +0.10% of F.S + 1 LSD -10 to +20°C: 0.15% of RDG +0.15% of F.S + 1 LSD
<b>2020P7 Accuracy:</b>	+20 to +50°C: 0.15% of RDG +0.15% of F.S + 1 LSD -10 to +20°C: 0.5% of RDG +0.5% of F.S + 1 LSD



2020P Model

For other options, please contact us [digitronsales@rototherm.co.uk](mailto:digitronsales@rototherm.co.uk) or +44 (0)1656 740551

### Key Features and Benefits

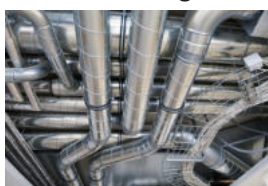
- Pressure ranges from 25mbar to 10bar
- Positive and negative (vacuum) pressure measurement
- Auto ranging displays – for precise readings
- Selectable auto switch-off – saves on operation cost and battery life
- IP67 BSI Cert 229/000132 – Dust and waterproof for added protection
- Selectable pressure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

### Optional Extras

- Protective Rubber Boot
- 6mm OD/4mm ID Nylon Tubing
- 'T' Piece
- Carry Case
- Calibration Certificate

### Main Applications

A **world leader** in digital pressure instruments, Rototherm has become the standard for accurate and reliable measurement across the following industries:



Industrial & Domestic  
HVAC



Laboratories & Clean  
Rooms



Service, Maintenance  
& Calibration

Model Specification

Model Options	2020P	2021P	2022P	2023P	2025P	2026P	2028P
Operating Range	25mbar	130mbar	2bar	7bar	2bar absolute	0 to 10bar	1bar
Over range	350mbar	750mbar	4bar	10bar	4bar absolute	17bar	2bar
Backlight	•	•	•	•	•	•	•
Out of range	•	•	•	•	•	•	•
Zeroing	•	•	•	•		•	•
Hold	•	•	•	•	•	•	•
Smoothing	•	•	•	•	•	•	•
Units of Pressure	•	•	•	•	•	•	•
Range Lock	•	•	•	•	•	•	•
Max/Min	•	•	•	•	•	•	•
Zeroing Absolute					•		

Pressure Scales

2020P7		2021P7		2022P7		2023P7	
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	
2025P7 Absolute		2026P7		2028P7			
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 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 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 402"			
m H2O	0.00 to 20.43 m	0.00 to 19.99 m + 0.0 to 102.2 m		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 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 75.0cm			
PSI	0.00 to 29.00 psi	0.00 to 19.99 psi + 0.0 to 145.0 psi		0.00 to 14.50psi			

## Technical Certification

- Certificate of Conformity
- Factory Test Certificate
- Factory Calibration Certificate

## Export Documentation

- Certificate of Origin
- EUR1
- ATR

## Calibration and After-Sales Support

- Fully trained field service personnel
- Use of UKAS certified calibration equipment
- 5 day turnaround
- Fixed pricing
- Approved manufacturer parts
- Full post-service reports
- 12 month warranty



ISO9001:2015  
FM11958

