

EUROPE'S LARGEST SELECTION OF TEST & MEASUREMENT EQUIPMENT FOR HIRE

**INLEC.COM**

# DATA-SHEET



Nationwide Low Call  
**0333 6000 600**

**WHY BUY**  
WHEN YOU CAN HIRE

# TECHNICAL DATA SHEET

The 2000 Series of pressure instruments offer a wide range of hand-held manometers. Easy to operate, reliable and built to last, the 2000 Series has been developed in order to meet the performance and cost demands of today's markets.

The 2000 Series of pressure instruments offers the widest range of hand-held manometers world-wide. New innovative functions designed to make the operator's job easier set new standards in pressure measurements.

## Pressure Scale

	20x0P	20x1P	20x2P	20x3P	20x5P	20x6P	20x7P	20x8P
<b>mbar</b>	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	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
<b>Pa</b>	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	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
<b>in H<sub>2</sub>O</b>	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"	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"
<b>m H<sub>2</sub>O</b>	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 + 0.0 to 71.5 m	0.00 to 19.99 m + 0.0 to 71.5 m	0.00 to 20.43 m + 0.0 to 150.0 cm	0.00 to 19.99 m + 0.0 to 102.2 m	0.00 to 5.11m + 0.0 to 37.5cm	0.00 to 10.22m + 0.0 to 75.0cm
<b>in Hg</b>	0.00 to 0.73"	0.00 to 3.83"	0.00 to 59.00" + 0.0 to 206.7"	0.00 to 19.99" + 0.0 to 206.7"	0.00 to 59.00" + 0.0 to 295.3"	0.00 to 19.99" + 0.0 to 295.3"	0.00 to 14.75" + 0.0 to 14.75"	0.00 to 29.5" + 0.0 to 14.75"
<b>m Hg</b>	0.00 to 18.75 mm + 0.0 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 + 0.0 to 150.0 cm	0.00 to 19.99 cm + 0.0 to 150.0 cm	0.00 to 7.50m + 0.0 to 19.99 psi	0.00 to 19.99cm + 0.0 to 37.5cm	0.00 to 19.99cm + 0.0 to 75.0cm
<b>PSI</b>	0.00 to 0.36 psi + 0.0 to 101.5 psi	0.00 to 1.88 psi + 0.0 to 130.0 mbar	0.00 to 29.00 psi + 0.0 to 101.5 psi	0.00 to 19.99 psi + 0.0 to 101.5 psi	0.00 to 29.00 psi + 0.0 to 145.0 psi	0.00 to 19.99 psi + 0.0 to 145.0 psi	0.00 to 7.25psi + 0.0 to 14.50psi	0.00 to 14.50psi + 0.0 to 14.50psi




## Key Features

- ✓ Pressure ranges from 1mbar to 10bar (0.40218 inH<sub>2</sub>O to 4021.8 inH<sub>2</sub>O)
- ✓ Pressure range to 500bar with an external transducer (not supplied)
- ✓ Logging and leak testing
- ✓ Autoranging displays for precise readings
- ✓ Selectable auto switch-off
- ✓ 2 year warranty
- ✓ Overrange protection
- ✓ IP67 (1m depth for 30 mins) BSI Cert 229/000132
- ✓ Negative and positive reading

# TECHNICAL DATA SHEET

## Common 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.
Overrange/Underrange	'Out' shows on display
Environmental Specifications	IP67 (as std) 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
<b>Instrument accuracies</b>	
From -10°C to +50°C/+14°F to +122°F	0.15%rdg +0.15%fs +1 digit 0.3%rdg +0.3%fs + 1 digit (-Ve Pressures)



Pressure Application

The overall performance of the instrument is obtained by combining the stated accuracy and any uncertainty due to the measurement process

## 2000P Series Option Table

	2000P	2001P	2002P	2003P	2005P	2007P	2008P	2020P	2021P	2022P	2023P
Operating Range	25mbar	130mbar	2bar	7bar	2bar absolute	500mbar	1 bar	25mbar	130mbar	2bar	7bar
Overrange	350mbar	750mbar	4bar	10bar	4bar absolute	1bar	2 bar	350mbar	750mbar	4bar	10bar
Backlight	.	.	.	.	.	.	.	.	.	.	.
Out of range	.	.	.	.	.	.	.	.	.	.	.
Zeroing	.	.	.	.	.	.	.	.	.	.	.
Hold	.	.	.	.	.	.	.	.	.	.	.
Smoothing								.	.	.	.
Units of Pressure								.	.	.	.
Range Lock								.	.	.	.
Max/Min								.	.	.	.
Zeroing Absolute					.						
Averaging											
Leak Testing											
Logging											

	2024P	2026P	2080P	2081P	2082P	2083P	2084P	2085P	2086P	2087P	2088P
Operating Range	† External transducer	0 to 10bar	25mbar	130mbar	2bar	7bar	† External transducer	2bar	0 to 10bar	500mbar	1bar
Overrange	*	21bar	350mbar	750mbar	4bar	10bar	*	4bar absolute	21bar	1bar	2bar
Backlight	.	.	.	.	.	.	.	.	.	.	.
Out of range	.	.	.	.	.	.	.	.	.	.	.
Zeroing	.	.	.	.	.	.	.	.	.	.	.
Hold	.	.	.	.	.	.	.	.	.	.	.
Smoothing	.	.	.	.	.	.	.	.	.	.	.
Units of Pressure	.	.	.	.	.	.	.	.	.	.	.
Range Lock	.	.	.	.	.	.	.	.	.	.	.
Max/Min	.	.	.	.	.	.	.	.	.	.	.
Zeroing Absolute								.			
Averaging			.	.	.	.	.	.	.	.	.
Leak Testing			.	.	.	.	.	.	.	.	.
Logging			.	.	.	.	.	.	.	.	.

# INLEC, supporting you to deliver a world class service, every day, in every sector ...



## OUR COMMITMENT TO YOU

### A wealth of knowledge and experience.

You can take advantage of expert advice to ensure you get the best, most appropriate and cost effective equipment for the job. We supply a wide variety of industries, so if there is another way to do the job or save you time and money we'll pass on the benefit of our experience for free.

### Honest advice, just a phone call away.

If we don't have a particular item, rather than hiring you something that won't do the job, we would rather direct you to an alternative supplier. You will always be provided with full instructions and if you still need help, call our technical team on Nationwide Low Call 0333 6000 600. Our aim is to save you time, frustration and money.

### Top quality equipment from major manufacturers.

With Inlec you'll get the most accurate, reliable and well-maintained equipment available. Prices are regularly reviewed to ensure you always enjoy the best value for money. We have made a significant investment in test equipment so we ensure that it's well packed to minimise damage and delay.

### We really do listen to you.

You won't waste your time contacting Inlec. Every request for equipment is logged and carefully considered. Listening to our customers helps keep our product range up to date and relevant. If you are unhappy about any aspect of our service please let us know so we can put it right.

## YOUR 5 WAY GUARANTEE

### 1 GUARANTEE SAME DAY DESPATCH

We understand why prompt delivery is important to you. So, if we confirm your order before 3pm, you are guaranteed same day despatch.

### 2 OUR PRICE GUARANTEE

Inlec guarantee you real value for money. Our price match policy is simple - if you can hire the same product for less elsewhere, we guarantee to match that price and reduce it by a further 10% of the difference - and still deliver our industry leading technical and customer support.

For full details check our price-match guarantee online

### 3 TOP QUALITY GUARANTEED

All equipment is thoroughly checked prior to dispatch to ensure you receive it in full, safe working order. Your shipment will be securely packed and include manufacturer's instructions, accessories or consumables and a valid calibration certificate where appropriate. In addition, Inlec offer a 24 hour replacement service if you decide the equipment is not suitable for your application\*.

### 4 FRIENDLY, KNOWLEDGEABLE ADVICE GUARANTEED

Inlec are happy to provide you with free advice, from an unbeatable team of experienced, knowledgeable and friendly engineers and hire experts.

### 5 YOUR GUARANTEE OF THE BEST CUSTOMER SERVICE

Throughout your hire we will work hard to ensure you enjoy the very best in support and service from Inlec. We guarantee you won't find better service anywhere in the industry.

\*subject to availability and conditions

## Europe's leading Test Equipment Hire Specialist



LAB NO. 0535



Nationwide Low Call 0333 6000 600

Online: [www.inlec.com](http://www.inlec.com)

Inlec UK Ellerbeck Way, Stokesley Business Park, Stokesley N Yorkshire TS9 5JZ United Kingdom



CERT. NO. GB93/1773



Accredited Contractor