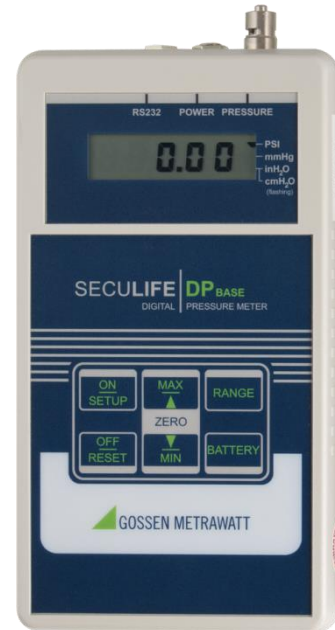


SECULIFE DP_{BASE} for Pressure measurement

- -13.50 to 100.00 PSI Range
- Pressure scales include PSI, inH₂O, cmH₂O, and mmHg
- Digital calibration & Zero Adjust
- 5 Digit LCD Display
- Programmable Digital Filter
- Liquids & Gases
- Battery life display (0 to 100%)
- ± 0.1% FS Pressure Accuracy



Specification

The SECULIFE DP_{BASE} is a Meter that offers positive and negative pressure sensing of compatible liquids and gasses.

PRESSURE	
RANGE	-13.50 to 100.00 PSI -701 to 5190 mmHg @ 20 °C -374 to 2773 inH ₂ O @ 20 °C -951 to 7043 cmH ₂ O @ 20 °C
Resolution	0.01 PSI 1 mmHg @ 20 °C 1 inH ₂ O @ 20 °C 1 cmH ₂ O @ 20 °C
Maximum Overpressure	200 PSI
Accuracy	± 0.1 % FS
Digital Filter	1 – 255 samples
Compatible Media	Only non-corrosive, non-ionic, or otherwise pure fluids and/or gases that are compatible with sensor materials including glass, silicon, ceramic, epoxy, RTV, gold, aluminium and nickel.
Connections	Male Luer Coupler

Optional Accessories

Battery Eliminator (Universal)
RS232 Communication Cable
Universal Adapter Kit

Technical Data

DEVICE:

Display	5 Digit, 7-Segment Non-Backlit LCD
Enclosure	ABS Plastic
Overlay	Lexan, Back Printed
Size	195.3 x 100.8 x 46.2 mm (7.69 x 3.97 x 1.82 Inches)
Weight	0.45 kg ($\leq$ 1 Lbs)
Operating range	0 to 50 °C (32 to 122 °F)
Storage Range	-40 to 60 °C (-40 to 140 °F)

ELECTRICAL		
Battery	9 V Alkaline (ANSI/NEDA 1604A or equivalent)	
Battery Eliminator	9 V, 50 mA DC 	
Power Consumption	ON	< 15 mA
	OFF	< 40 μ A
Battery Life	Continuous	80 hours
	OFF	1 year
RS-232 Communications	Baud	115200
	Data Bits	8
	Start Bits	1
	Stop Bits	1
	Parity	None
	Handshaking	None
	Connections	1/8 Stereo Receptacle for use with RS-232 Cable

Ordering information

Description	Type	Order number
Digital Pressure Meter	SECULIFE DP _{BASE}	M695S

For more information on accessories, see

- www.gossenmetrawatt.com