

**MAN-SD  
DIGITAL PRESSURE GAUGE**



Flow  
Pressure  
Level  
Temperature  
measurement  
monitoring  
control

**P1**



- **Large 4 digit LCD Display**
- **Battery Operated with On/Off Switch**
- **Ranges 0-30" Hg Vacuum to 0-6000 PSIG**
- **Accuracy  $\pm 0.5\%$  of Full Scale**
- **Optional Peak Hold, Auto-off and Programmable Relay**

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Model:  
**MAN-SD**



**Features**

- Large 4 digit LCD Display
- Battery Operated with On/Off Switch
- Ranges 0-30" Hg Vacuum to 0-6000 PSIG
- Accuracy ±0.5% of Full Scale
- Optional Peak Hold, Auto-off and Programmable Relay

**An economical replacement for mechanical pressure gauges.**

The latest in solid state design, the MAN-SD series incorporates a ceramic pressure sensing element which provides superior stability and exceptionally long cycle life. The MAN-SD features a 4 digit LCD display which is rotatable. Zero (tare), peak hold and relay features are controlled by push-button access to the programming menu which is password-protect capable.

**Specifications**

**Range:** 0-30" Hg vacuum to 6000 PSIG

**Overpressure Ratings:**  
**To 500 PSIG:** 3X full scale  
**500 to 3000 PSIG:** 2X full scale  
**above 3000 PSIG:** 1.5X full scale

**Zero Adjust (Tare):** Standard, via setup menu

**Accuracy:** ±0.5% of full scale

**Wetted Materials**

**Sensing Element:** Ceramic  
**Connection:** 316 SS  
**O-Ring:** Buna-N; others available on request

**Housing Material:** Polyester

**Temperature Range**

**Storage:** -20 to 140°F  
**Process:** -20 to 185°F  
**Compensated:** -4 to 185°F

**Fitting:** 1/4" NPT  
**Battery Type:** 9 Volt Lithium (included)

**Battery Life**

**Alkaline:** 5000 hours  
**Lithium:** 10000 hours  
**Display:** 4 digit LCD  
 0.5" digits

**Protection:** NEMA 4X/IP 65  
**Relay (optional):** N/O 2 amps @ 30 VDC/VAC

**Electrical**

**Connection:** 5 PIN Micro-DC, Male

**MAN-SD Ordering Data**

Range	Model #
0-30" Hg Vacuum	DSD-5001
0-20 PSIG	DSD-5002
0-50 PSIG	DSD-5005
0-100 PSIG	DSD-5010
0-200 PSIG	DSD-5020
0-500 PSIG	DSD-5050
0-1000 PSIG	DSD-5100
0-2000 PSIG	DSD-5200
0-3000 PSIG	DSD-5300
0-5000 PSIG	DSD-5500
0-6000 PSIG	DSD-5600

Description	Option Code
Auto Shutoff	(not available w/ relay)
8 Minutes	B08
16 Minutes	B16
32 Minutes	B32
64 Minutes	B64
Relay	-R
Peak Hold	-P
Special Range *specify range/units	-E

**Accessory:**

Part Number 807.007 = Mating 5 PIN Micro-DC Connector w/ GFT Cable (required for Option R)



**MAN-SD Digital Pressure Gauge**

