

# Sanitary Pressure Gauges

## Digital Sanitary Pressure Gauges

### Functionality of a Digital Gauge

Battery, Loop and Line powered, Ten engineering units. Digital sanitary gauge is designed for critical pharmaceutical and biotech applications with  $\pm 0.25\%$  accuracy. Gauge has unlimited deadband throughout its range and superior set point flexibility. Loop and line-powered gauges have output signals that enable monitoring and control. Line-powered gauges offer switching capabilities.



### Specifications

**Accuracy :**  $\pm 0.25\%$  full-scale

**Units of measure :** psi, " H<sub>2</sub>O, ft H<sub>2</sub>O, mPa, mBar, kPa, kg/cm<sup>2</sup>, Bar, " Hg, mm Hg

**Operating temp :** 10 to 60°C.

**Wetted materials :** 316 stainless steel

### Power

Battery powered : two C batteries

Loop powered : 4 to 20 mA

Line powered : 12 to 36 VDC

### Output

Loop powered : 4 to 20 mA

Line powered : 12 to 36 VDC with single SPDT switch



6893 S130

Range	Resolution	1 1/2" Tri-Clamp Connection Power						2" Tri-Clamp Connection Power					
		Battery		Loop		Line		Battery		Loop		Line	
		Number	Price ฿	Number	Price ฿	Number	Price ฿	Number	Price ฿	Number	Price ฿	Number	Price ฿
30 to 0" Hg	0.0001" Hg	6891 S128	—	7891 S128	—	8891 S128	—	5841 S128	—	6841 S128	—	7841 S128	—
0 to 30 psi	0.0001 psi	6892 S129	—	7892 S129	—	8892 S129	—	5841 S129	—	6841 S129	—	7841 S129	—
0 to 60 psi	0.005 psi	6893 S130	—	7893 S130	—	8893 S130	—	5841 S130	—	6841 S130	—	7841 S130	—
0 to 100 psi	0.005 psi	6894 S131	—	7894 S131	—	8894 S131	—	5841 S131	—	6841 S131	—	7841 S131	—
0 to 200 psi	0.01 psi	6895 S132	—	7895 S132	—	8895 S132	—	5841 S132	—	6841 S132	—	7841 S132	—

## High - Accuracy Digital Test Gauges

Readings with  $\pm 0.05\%$  full-scale accuracy - including the effects of Hysteresis, Linearity, Repeatability and Temp. Intrinsically safe, Portable test gauges meet ASME B40.7 requirements NEMA 4/IP65 rated stainless steel casing.

Display results in any of 12 units of measurement and seven different languages. Gauges feature all stainless steel construction, Zero/Clear button, Backlighting with adjustable contrast, Min/Max function, % Full-scale bar graph,

Low battery indicator and 12 selectable engineering units. Password protected field calibration and disable functions. Gauge is FM Approved Class I, Div. 1.

**What's included :** carrying pouch, three AAA batteries and 10-point calibration chart.



Range	Resolution	Number	Price ฿
0 to 30" Hg	0.01" Hg	2141 H828	—
0 to 15 psi	0.001 psi	2141 H829	—
0 to 30 psi	0.01 psi	2141 H830	—
0 to 100 psi	0.01 psi	2141 H831	—
0 to 500 psi	0.1 psi	2141 H832	—

**Accuracy :**  $\pm 0.05\%$  full-scale

**Operating temp range :** -18 to 63°C

**Wetted materials :** 316 SS

**Lens :** Polycarbonate

**Process connection :** 1/4" NPT(M)

**Dial size :** 3" (76 mm)

**Power :** Three AAA batteries (Included)

**Battery life :** 1000 hours continuous (Without backlight)

**Display :** 4 1/2-Digit LCD, 1" with 0.66"H characters



2141 H831