

Digital Pressure Gauges

Read in low-light conditions

- Integrated signal conditioning for calibration and temperature compensation
- Read pressure in psi, bar, or kg/cm²
- Laser-welded stainless steel design



Specifications

Accuracy: ±0.25% full-scale from 75 to 5000 psi and ±0.50% full-scale from 15 to 50 psi
Operating temp: -14 to 140°F (-10 to 60°C)
Wetted materials: 304L and 316L stainless steel
Lens: polycarbonate
Process connection: 1/4" NPT(M)
Power: one 9 V battery (included)
Display: 4-digit LCD, 0.65"H

Range	Resolution	Catalog number	Price
15 psi	0.01 psi	GY-68349-00	
30 psi	0.01 psi	GY-68349-02	
50 psi	0.01 psi	GY-68349-04	
100 psi	0.1 psi	GY-68349-06	
200 psi	0.1 psi	GY-68349-08	
300 psi	0.1 psi	GY-68349-10	
500 psi	0.1 psi	GY-68349-12	
1000 psi	1 psi	GY-68349-14	

[GY-09376-04](#) Replacement batteries, 9 V. Pack of 4

[GY-17040-12](#) NIST-traceable calibration with data

Cole-Parmer® 760 Torr Absolute Digital Vacuum Gauges

No more mercury manometers

- Replace mercury manometers for monitoring vacuum systems
- ±0.25% test gauge accuracy
- 316 stainless steel wetted parts
- Fast response—3 readings per second



The 760 torr absolute scale measures atmospheric pressure when gauge port is open and reads zero at full vacuum. Front-accessible calibration adjustments.



Specifications

Range: 760 to 0 torr absolute
Resolution: 1 torr
Accuracy: ±0.25% of full scale ±1 least significant digit
Operating temp: -4 to 185°F (-20 to 85°C)
Wetted materials: 316 SS
Process connection: 1/4" NPT male
Power: 115 VAC/12 VDC power supply (included)
Display: 3-digit LCD, 0.5"H

Description	Cat. no.	Price
760 torr absolute digital vacuum gauge	GY-68936-80	
760 torr absolute digital vacuum gauge with backlit display	GY-68936-82	

[GY-17040-12](#) NIST-traceable recalibration with data

Stainless Steel Digital Gauges

Get quick readings

- Accuracy of ±0.25% best-fit-straight-line
- Gauges feature a large seven-segment, four-digit LCD with bar graph
- Min/Max readings and choice of units: psi, bar, or mPa
- Gauges up to 600 psi use ceramic sensor technology; gauges 1450 psi and higher use thin film sensor technology



Specifications

Accuracy: ±0.25% BFSL
Dial size: 3" (76 mm)
Operating temp: Up to 600 psi: -4 to 185°F (-20 to 85°C)
 1450 psi and over: -22 to 212°F (-30 to 100°C)
Wetted materials: 316 stainless steel
Lens: polyester film
Process connection: 1/4" NPT(M)
Power: two AA batteries (included)
Display: 4-digit LCD, 0.43"H

Range	Resolution	Cat. no.	Price
0 to 145 psi	0.01 psi	GY-68052-60	
0 to 300 psi		GY-68052-62	
0 to 600 psi	0.1 psi	GY-68052-64	
0 to 1450 psi		GY-68052-66	
0 to 3000 psi		GY-68052-68	
0 to 5000 psi	1 psi	GY-68052-70	
0 to 7500 psi		GY-68052-72	
0 to 10,000 psi		GY-68052-74	

[GY-68052-90](#) Protective rubber boot

[GY-17040-12](#) NIST-traceable calibration with data

Digital Pressure Gauges with Backlight

Simple three-button programming

- Easy-to-read, 5-digit display with backlight and 20-segment bar graph
- IP67-rated case

Stainless steel sensor makes this gauge suitable for many applications. Case material is made of PC/ABS. Features tare, min/max memory, and nine engineering plus one custom engineering units. Sensor is welded to the socket for added durability.



Specifications

Accuracy: ±0.5% full-scale
Dial size: 2 1/2" (64 mm)
Operating temp: -4 to 140°F (-20 to 60°C)
Units of measure: psi, " Hg, cm Hg, mm Hg, kPa, mPa, bar, kg/cm², ft H₂O, and user-defined unit
Wetted materials: 316L stainless steel
Lens: polycarbonate
Process connection: 1/4" NPT(M)
Power: two AA batteries (included)

Range	Resolution	Catalog no.	Price
0 to 30" Hg	0.01" Hg	GY-68334-01	
30" Hg to 30 psi	0.01" Hg	GY-68334-03	
30" Hg to 100 psi	0.01" Hg	GY-68334-07	
0 to 15 psi	0.001 psi	GY-68334-09	
0 to 30 psi	0.001 psi	GY-68334-11	
0 to 60 psi	0.001 psi	GY-68334-13	
0 to 100 psi	0.01 psi	GY-68334-15	
0 to 200 psi	0.01 psi	GY-68334-17	
0 to 300 psi	0.01 psi	GY-68334-19	
0 to 500 psi	0.01 psi	GY-68334-21	
0 to 1000 psi	0.1 psi	GY-68334-25	
0 to 5000 psi	0.1 psi	GY-68334-27	
0 to 10,000 psi	1 psi	GY-68334-31	

[GY-09376-01](#) Batteries, AA. Pk of 4

[GY-17040-12](#) NIST-traceable calibration with data