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Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: cen@nt-rt.ru || сайт: <http://coleparmer.nt-rt.ru/>

Cole-Parmer® Special-Service Regulators



Model 03274-10 is a single-stage unit specifically designed for gases that attack brass or copper-bearing alloys. When used with low-vapor-pressure liquefied gases, no inlet gauge is needed. Rubber-supported PTFE diaphragm, KEL-F seat, aluminum-alloy body and bonnet, SS delivery gauge, and 10 mm sintered SS filter.

item	Capacity (SCFH)	CGA Fitting	Max Inlet Pressure (PSI)
 EW-03274-15	780	330	3000
 EW-03274-20	240	350	3000

Cole-Parmer® High-Purity Gas Regulators for Research








Designed for laboratory research using mildly corrosive gases

- Diaphragm packless valve promotes system purity
 - Threadless seat design provides longer life
- These stainless steel one- and two-stage high-purity regulators are designed for non-corrosive analytical, mildly corrosive and process applications requiring precise, stable delivery pressure control. A diaphragm packless outlet valve with a 1/4" compression tube fitting allows flow control and maintains system purity.

Single-stage regulators feature a convoluted stainless steel diaphragm seal that provides excellent regulating characteristics and allows for internal vacuum purging

Dual-stage regulators feature a a convoluted Hastelloy® C-22 diaphragm seal that prevents contamination by eliminating the need for a soft seal and provides a leak-rate design of less than 2×10^{-8} ccs helium. The two-stage models yield a delivery pressure change of less than 0.04/100 psi inlet change.

item	Max Exhaust Flow Rate (SCFM)	Max Supply Pressure (PSI)
<div>EW-98202-68</div>		

item	Max Exhaust Flow Rate (SCFM)	Max Supply Pressure (PSI)
<div data-bbox="126 253 256 376"></div> EW-98202-70		
<div data-bbox="126 685 256 808"></div> EW-98202-82		
<div data-bbox="126 1117 256 1240"></div> EW-98202-84		
<div data-bbox="126 1550 256 1673"></div> EW-98202-86		





item	Max Exhaust Flow Rate (SCFM)	Max Supply Pressure (PSI)
<div data-bbox="126 253 256 376"></div> <div data-bbox="264 253 430 286">EW-98202-88</div>		
<div data-bbox="126 685 256 808"></div> <div data-bbox="264 685 430 719">EW-98202-90</div>		





Cole-Parmer® Two-Stage General-Purpose Regulators



- Two-stage regulators reduce cylinder pressure in two stages. Use first stage to approach working pressure; use

item	Capacity (SCFH)	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)
 EW-98202-20	600	50	3000
 EW-98202-21	600	50	3000


item	Capacity (SCFH)	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)
 EW-98202-22	600	50	3000
 EW-98202-23	600	50	3000
 EW-98202-24	600	50	3000
 EW-98202-30	1200	100	3000

item	Capacity (SCFH)	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)
 EW-98202-31	1200	100	3000
 EW-98202-32	1200	100	3000
 EW-98202-33	1200	100	3000
 EW-98202-34	1200	100	3000

Cole-Parmer® Single-Stage General-Purpose Regulators



Single-stage regulators are designed for long-life performance where precise pressure control is not desired. Overload protect.

item	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)	Description
 EW-98202-00	50	3000	Single-Stage Regulator, 850 scfh Capacity, 320 CGA Fitting
 EW-98202-01	50	3000	Single-Stage Regulator, 850 scfh Capacity, 346 CGA Fitting

item	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)	Description
 EW-98202-02	50	3000	Single-Stage Regulator, 850 scfh Capacity, 350 CGA Fitting
 EW-98202-03	50	3000	Single-Stage Regulator, 850 scfh Capacity, 580 CGA Fitting
 EW-98202-04	50	3000	Single-Stage Regulator, 850 scfh Capacity, 590 CGA Fitting
 EW-98202-10	100	3000	Single-Stage Regulator, 1500 scfh Capacity, 320 CGA Fitting





item	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)	Description
 EW-98202-11	100	3000	Single-Stage Regulator, 1500 scfh Capacity, 346 CGA Fitting
 EW-98202-12	100	3000	Single-Stage Regulator, 1500 scfh Capacity, 350 CGA Fitting
 EW-98202-13	100	3000	Single-Stage Regulator, 1500 scfh Capacity, 580 CGA Fitting
 EW-98202-14	100	3000	Single-Stage Regulator, 1500 scfh Capacity, 590 CGA Fitting





Cole-Parmer® High-Purity Two-Stage Gas Regulators



Ideal for corrosive or noncorrosive gas applications. Designed and constructed for diffusion resistance and easy cleanup. Only brass, stainless steel (SS) , PTFE, and Kel-F® contact the operating media. Metal diaphragm, packless valves, and high-purity seals minimize or eliminate outgoing and inboard diffusion. Supplied with SS screen filter (25 µm) ; and brass body, bonnet, and gauges. Two-Stage High-Purity Regulators let you precisely regulate working pressure.

item	Capacity (SCFH)	Control Range (high) (PSI)	Max Inlet Pressure (PSI)
 EW-98210-00	450		3000
 EW-98210-02	450		3000


item	Capacity (SCFH)	Control Range (high) (PSI)	Max Inlet Pressure (PSI)
 EW-98210-04	450		3000
 EW-98210-06	450		3000
 EW-98210-08	450		3000
 EW-98210-10	900		3000





item	Capacity (SCFH)	Control Range (high) (PSI)	Max Inlet Pressure (PSI)
 EW-98210-12	900		3000
 EW-98210-14	900		3000
 EW-98210-16	900		3000
 EW-98210-18	900		3000

Cole-Parmer® Single-Stage Gas Regulators



Ideal for corrosive or noncorrosive gas applications. Designed and constructed for diffusion resistance and easy cleanup. Only brass, stainless steel (SS) , PTFE, and Kel-F[®] 1/2 contact the operating media. Metal diaphragm, packless valves, and high-purity seals minimize or eliminate outgoing and inboard diffusion. Supplied with SS screen filter (25 µm) ; and brass body, bonnet, and gauges. Single-Stage High-Purity Regulators are recommended for analytical work where precise pressure control is not critical.

item	Capacity (SCFH)	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)
 EW-98210-20	500	50	3000


item	Capacity (SCFH)	Max Delivery Pressure (psig)	Max Inlet Pressure (PSI)
 EW-98210-24	500	50	3000
 EW-98210-26	1250	50	3000
 EW-98210-34	1000	100	3000
 EW-98210-36	1000	100	3000

Cole-Parmer® Single-Stage Pressure Regulators



Ideal for your noncorrosive analytical applications

- Won't contaminate high-purity gases
 - Single-stage regulators ($C_v = 0.24$) reduce the tank pressure to your desired operating pressure
 - Decay rate is 0.35 psi per 100 psi inlet change
- Regulators feature 316 stainless steel diaphragms. O-rings of PTFE ensure leak-free operation. Bar stock brass bodies minimize dead space. Automatic reseating valve extends regulator service life. Dual sintered filters reduce gas velocity when opening highpressure cylinders. Chrome plated finish prevents tarnish.

item	Description
 EW-98200-02	Single-Stage Pressure Regulator, 250 SCFH at 25 psig, 350 CGA Fitting

item

Description



EW-98200-22

Single-Stage Pressure Regulator,
250 SCFH at 25 psig, 590 CGA
Fitting



EW-98200-32

Single-Stage Pressure Regulator,
500 SCFH at 50 psig, 350 CGA
Fitting



EW-98200-42

Single-Stage Pressure Regulator,
500 SCFH at 50 psig, 580 CGA
Fitting



EW-98200-62

Single-Stage Pressure Regulator,
1000 SCFH at 100 psig, 350 CGA
Fitting

item

Description



EW-98200-72


Single-Stage Pressure Regulator,
1000 SCFH at 100 psig, 580 CGA
Fitting

Cole-Parmer® Two-Stage Pressure Regulators



Ideal for your noncorrosive analytical applications

- Won't contaminate high-purity gases
 - Two-stage regulators ($C_v = 0.044$) compensate for variations in supply pressure
 - Only 0.06 psi outlet change per 100 psi inlet change
- Regulators feature 316 stainless steel diaphragms. O-rings of PTFE ensure leak-free operation. Bar stock brass bodies minimize dead space. Automatic reseating valve extends regulator service life. Dual sintered filters reduce gas velocity when opening high pressure cylinders. Chrome plated finish prevents tarnish.

item	Description
 EW-98201-02	Two-Stage Pressure Regulator, 250 SCFH Capacity, 350 CGA Fitting

item**Description**

EW-98201-12

Two-Stage Pressure Regulator, 250
SCFH Capacity, 580 CGA Fitting



EW-98201-22

Two-Stage Pressure Regulator, 250
SCFH Capacity, 590 CGA Fitting






EW-98201-42

Two-Stage Pressure Regulator, 450
SCFH Capacity, 580 CGA Fitting



EW-98201-52

Two-Stage Pressure Regulator, 450
SCFH Capacity, 590 CGA Fitting

item	Description
 EW-98201-62	Two-Stage Pressure Regulator, 900 SCFH Capacity, 350 CGA Fitting
 EW-98201-72	Two-Stage Pressure Regulator, 900 SCFH Capacity, 580 CGA Fitting
 EW-98201-82	Two-Stage Pressure Regulator, 900 SCFH Capacity, 590 CGA Fitting

Cole-Parmer® High-Accuracy Digital Gauges




Durable and reliable digital pressure gauge

- High Accuracy with high repeatability
- Backlight and Zero-Reset Standard
- Optional line powered with 4/20mA available & NPN limit switch

These digital pressure and vacuum gauges are an ideal alternative to your mechanical gauges! These gauges offer high accuracy plus the convenience of a digital display. The semiconductor sensing element measures pressure with $\pm 0.25\%$ or $\pm 0.5\%$ accuracy (depending on the range) , and lasts for millions of cycles. These gauges come standard with Zero-Reset, Backlight, and Auto-Shutoff to help prolong battery life. Peak hold is standard on all pressure units.

As an option, some models can also come with a 4/20mA transmitter and NPN limit switch. These units are line powered with 8-30VDC.

item	Accuracy	Max Pressure (PSI)	Resolution
 EW-68349-00	$\pm 0.50\%$ full-scale	15	0.01 psi

item		Accuracy	Max Pressure (PSI)	Resolution
	EW-68349-02	±0.50% full-scale	30	0.01 psi
	EW-68349-04	±0.50% full-scale	50	0.01 psi
	EW-68349-06	±0.25% full-scale	100	0.1 psi
	EW-68349-08	±0.25% full-scale	200	0.1 psi

item	Accuracy	Max Pressure (PSI)	Resolution
 EW-68349-10	$\pm 0.25\%$ full-scale	300	0.1 psi
 EW-68349-12	$\pm 0.25\%$ full-scale	500	0.1 psi
 EW-68349-14	$\pm 0.25\%$ full-scale	1000	1 psi
 EW-68349-16	$\pm 0.25\%$ full-scale	3000	1 psi


item	Accuracy	Max Pressure (PSI)	Resolution
 EW-68349-18	$\pm 0.25\%$ full-scale	5000	1 psi
 EW-68920-20	$\pm 0.25\%$ full-scale	2000	1 psig
 EW-68920-32	$\pm 0.5\%$ full-scale	15	0.01 psig




Cole-Parmer® PVDF and PP Mechanical Pressure Gauges




Ideally suited for use in ultra-pure water and aggressive chemicals




- Diaphragm seal and gauge molded into one unit
 - Glycerine filled seal is standard
 - Gauge case is dry but fillable
- These gauges are molded from a harder blend of polymers, making them more resistant to cracking or breaking during installation and use. Gauges feature brass Bourdon tube and internals; diaphragm fill is glycerin. White PVDF gauges feature a PTFE diaphragm seal; black polypropylene (PP) gauges feature a Viton® diaphragm seal. All gauge casings are dry but can be filled.



item	Max Pressure (PSI)	Process Connection	Description
<div>EW-68000-01</div>	15	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 15 psi




item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-03	30	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 30 psi
 EW-68000-05	60	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 60 psi
 EW-68000-07	100	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 100 psi




item	Max Pressure (PSI)	Process Connection	Description
<div data-bbox="126 253 256 376">  </div> <div data-bbox="256 253 432 286">EW-68000-09</div>	160	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 160 psi
<div data-bbox="126 768 256 891">  </div> <div data-bbox="256 768 432 801">EW-68000-11</div>	200	1/4" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/4" NPT(F) ; 0 to 200 psi
<div data-bbox="126 1283 256 1406">  </div> <div data-bbox="256 1283 432 1317">EW-68000-13</div>	15	1/2" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/2" NPT(F) ; 0 to 15 psi

item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-15	30	1/2" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/2" NPT(F) ; 0 to 30 psi
 EW-68000-17	60	1/2" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/2" NPT(F) ; 0 to 60 psi
 EW-68000-19	100	1/2" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/2" NPT(F) ; 0 to 100 psi

item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-21	160	1/2" NPT(F)	PVDF Pressure Gauge, PTFE diaphragm seal, 1/2" NPT(F) ; 0 to 160 psi
 EW-68000-25	15	1/4" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/4" NPT(F) ; 0 to 15 psi
 EW-68000-27	30	1/4" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/4" NPT(F) ; 0 to 30 psi

item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-29	60	1/4" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/4" NPT(F) ; 0 to 60 psi
 EW-68000-31	100	1/4" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/4" NPT(F) ; 0 to 100 psi
 EW-68000-33	160	1/4" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/4" NPT(F) ; 0 to 160 psi

item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-37	15	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 15 psi
 EW-68000-39	30	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 30 psi
 EW-68000-41	60	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 60 psi

item	Max Pressure (PSI)	Process Connection	Description
 EW-68000-43	100	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 100 psi
 EW-68000-45	160	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 160 psi
 EW-68000-47	200	1/2" NPT(F)	Pressure Gauge, Viton diaphragm seal, 1/2" NPT(F) ; 0 to 200 psi

Cole-Parmer® Digital Industrial Pressure Gauges







Signal conditioned for temperature



- ±1% full-scale accuracy
 - Read pressure in psi, Bar, or MPA
 - Laser-welded stainless steel design
- The all laser-welded 316L stainless steel gauge is designed for superior media isolation and can be used in a wide variety of applications including marine, refrigeration, pumps, hydraulics, pneumatics, and wastewater.


Simple keypad operation features auto zero and peak hold, and can set display to show pressure in psi, bar, and MPa. Program features also include a display power down after three minutes to save battery life.

Models 68950-58, -59, and -60 are designed for pneumatic use only; they feature a 304L stainless steel pressure port. These gauges should only be used with dry air and noncorrosive gases.

item	Max Pressure (PSI)	Resolution	Description
 EW-68950-50	5	0.01 psi	Digital Pressure Gauge, 0 to 5 psi, 2.5" dia, 1/4" NPT(M)

item	Max Pressure (PSI)	Resolution	Description
 EW-68950-51	30	0.01 psi	Digital Pressure Gauge, 0 to 30 psi, 2.5" dia, 1/4" NPT(M)
 EW-68950-52	100	0.1 psi	Digital Pressure Gauge, 0 to 100 psi, 2.5" dia, 1/4" NPT(M)
 EW-68950-53	200	0.1 psi	Digital Pressure Gauge, 0 to 200 psi, 2.5" dia, 1/4" NPT(M)

item	Max Pressure (PSI)	Resolution	Description
 EW-68950-54	500	0.1 psi	Digital Pressure Gauge, 0 to 500 psi, 2.5" dia, 1/4" NPT(M)
 EW-68950-55	1000	1 psi	Digital Pressure Gauge, 0 to 1000 psi, 2.5" dia, 1/4" NPT(M)
 EW-68950-56	3000	1 psi	Digital Pressure Gauge, 0 to 3000 psi, 2.5" dia, 1/4" NPT(M)

item	Max Pressure (PSI)	Resolution	Description
 EW-68950-57	5000	1 psi	Digital Pressure Gauge, 0 to 5000 psi, 2.5" dia, 1/4" NPT(M)

Cole-Parmer® High Accuracy Miniature Digital Gauge





Two styles of gauges feature 1% full-scale accuracy

- Brass center back-mount process connections
- Single-button function for on/units/off
- Five-minute auto power-off preserves battery life

Designed for use in numerous applications and industries, these digital gauges can be used for air pressure measurement in marine and diving, filtration, compressor and pneumatic regulators measurement, laboratory vacuum and pressure measurement, as well as aviation and defense, and general OEM use where air or compatible gases are used and brass can be used.

These high-accuracy, low-cost digital gauges have a four-digit, 1/2"H LCD and read in psi, bar, mPa, and kg/cm². Gauges have a 1 3/4" (44.5 mm) dial and come in three styles — 0 to 145 psi in 1/8" or 1/4" NPT(M) connection, and vacuum to 100 psi in 1/8" NPT(M) connection.

item	Accuracy	Max Pressure (PSI)	Resolution
<div> EW-68950-25</div>	±1% full-scale	100	0.1 psi

item	Accuracy	Max Pressure (PSI)	Resolution
<div data-bbox="124 253 256 376"></div> EW-68950-30	±1% full-scale	145	0.1 psi
<div data-bbox="124 696 256 819"></div> EW-68950-35	±1% full-scale	145	0.1 psi

Cole-Parmer Battery-powered Digital Gauge, 0 to 5.00 PSI; 1/4" NPT(M)



Cole-Parmer – Item # EW-68935-06

±0.25% test gauge accuracy

- 316 stainless steel wetted parts
- Fast response—3 readings per second
- Temperature-compensated piezoresistive sensor
- Factory-calibrated using NIST traceable standards
- 1 year warranty

Specifications & Description



• Accuracy	±0.25% full-scale ±1 digit
• Min Pressure (PSI)	0
• Max Pressure (PSI)	5
• Wetted Materials	316 SS
• Case	aluminum
• Process Connection	1/4" NPT(M)
• Unit Of Measurement	psi
• Display	3.5-digit LCD, 0.5" H
• Battery Type	Two AA (included)
• Battery Life	2000 hours
• Media Compatibility	Gases and liquids compatible with wetted materials
• Resolution	0.01 psi
• Description	Battery-powered Digital Gauge, 0 to 5.00 PSI; 1/4" NPT(M)
• Warranty	1 year





Cole-Parmer® Low-Pressure Mechanical Gauge







Accurately measure pressure below 10 psi

- $\pm 3-2-3\%$ accuracy
Manufactured with a chrome-plated case, these high-quality low-pressure gauges measure inches of water column to 10 psi. Use these gauges to measure low pressure in filter systems, clean rooms, or fluidic systems.

item	Dial Size (in)	Process Connection	Description
 EW-68357-00	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 10" Water Column
 EW-68357-02	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 15" Water Column

item		Dial Size (in)	Process Connection	Description
 <p>EW-68357-04</p>		2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 30" Water Column
 <p>EW-68357-06</p>		2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT (M) process connection; 0 to 60" Water Column
 <p>EW-68357-08</p>		2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 100" Water Column
 <p>EW-68357-10</p>		2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 160" Water Column



item	Dial Size (in)	Process Connection	Description
 EW-68357-12	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT (M) process connection; 0 to 200" Water Column
 EW-68357-14	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT (M) process connection; 0 to 3 psi
 EW-68357-16	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT (M) process connection; 0 to 5 psi
 EW-68357-18	2.5	1/4" NPT(M) , lower	Pressure Gauge ~ 1/4" NPT(M) process connection; 0 to 10 psi

Cole-Parmer® Economical Utility Gauges







High-quality, low cost gauges designed for industrial processes

Utility gauges are designed to replace more expensive digital or commercial gauges



item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-00	1.5		1/8" NPT(M) , back
 EW-68355-02	1.5	15	1/8" NPT(M) , back

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-04	1.5	30	1/8" NPT(M) , back
 EW-68355-06	1.5	60	1/8" NPT(M) , back
 EW-68355-08	1.5	100	1/8" NPT(M) , back
 EW-68355-10	1.5	160	1/8" NPT(M) , back



item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-12	1.5	200	1/8" NPT(M) , back
 EW-68355-14	1.5	300	1/8" NPT(M) , back
 EW-68355-16	2		1/8" NPT(M) , lower
 EW-68355-18	2	15	1/8" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-20	2	30	1/8" NPT(M) , lower
 EW-68355-22	2	60	1/8" NPT(M) , lower
 EW-68355-24	2	100	1/8" NPT(M) , lower
 EW-68355-26	2	160	1/8" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
<div data-bbox="126 253 256 376">  </div> <div data-bbox="263 253 430 286">EW-68355-28</div>	2	200	1/8" NPT(M) , lower
<div data-bbox="126 694 256 817">  </div> <div data-bbox="263 694 430 728">EW-68355-30</div>	2	300	1/8" NPT(M) , lower
<div data-bbox="126 1135 256 1258">  </div> <div data-bbox="263 1135 430 1169">EW-68355-32</div>	2	400	1/8" NPT(M) , lower
<div data-bbox="126 1574 256 1697">  </div> <div data-bbox="263 1574 549 1608">EW-68355-34Mfr # KC1</div> <div data-bbox="126 1697 244 1731">01208600</div>		600	1/8" NPT(M)

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-36	2.5		1/4" NPT(M) , lower
 EW-68355-38	2.5	15	1/4" NPT(M) , lower
 EW-68355-40	2.5	30	1/4" NPT(M) , lower
 EW-68355-42	2.5	60	1/4" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-44	2.5	100	1/4" NPT(M) , lower
 EW-68355-46	2.5	160	1/4" NPT(M) , lower
 EW-68355-48	2.5	200	1/4" NPT(M) , lower
 EW-68355-50	2.5	300	1/4" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68355-52	2.5	400	1/4" NPT(M) , lower
 EW-68355-54	2.5	600	1/4" NPT(M) , lower

Cole-Parmer Food Processing Absolute Pressure Gauge



Cole-Parmer – Item # EW-42500-88

Simple one-button operation

- Accuracy of $\pm 0.25\%$ full-scale
- 316L stainless steel wetted parts
- Selectable auto shutoff times
- 3 year warranty

Specifications & Description

- | |
|--|
| • Accuracy $\pm 0.25\%$ full-scale ± 1 least significant digit |
| • Dial Size (in) 3.5 |
| • Dial Size (mm) 90 |
| • Min Temperature ($^{\circ}$ F) 4 |
| • Max Temperature ($^{\circ}$ F) 85 |
| • Min Temperature ($^{\circ}$ C) 20 |
| • Max Temperature ($^{\circ}$ C) 185 |
| • Wetted Materials316L SS |
| • CaseABS/polycarbonate NEMA 4X |
| • Process Connection1/4" NPT(M) |
| • Display4-digit LCD, 0.5" H |
| • Battery Type2 AA (included) |
| • Battery Life2000 hours |
| • Resolution0.1 torr |
| • DescriptionFood Processing Absolute Pressure Gauge |
| • Warranty3 year |




Cole-Parmer® Industrial Gauges with Diaphragm Seals









Diaphragm seal protects gauge from caustic materials




- Dual-scale psi and bar
 - IP65 rated
- Diaphragm seals protect the pressure gauge against highly caustic and corrosive fluids and prevent clogging associated with suspended solids or highly viscous fluids—reducing downtime. Stainless steel (SS) diaphragms provide higher psi ratings; PTFE and FKM diaphragms have a lower psi rating. Glycerin fill in gauges help dampen pulsation and vibrations in heavy-duty process applications, as well as continually lubricating the gauge movement. Other gauge sizes and process connections are available.





item	Dial Size (in)	Max Pressure (PSI)	Description
<div>EW-68082-00</div>	2.5		Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 30 to 0" Hg




item	Dial Size (in)	Max Pressure (PSI)	Description
 EW-68082-02	2.5	15	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 15 psi
 EW-68082-04	2.5	30	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 30 psi
 EW-68082-06	2.5	60	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 60 psi

item	Dial Size (in)	Max Pressure (PSI)	Description
 EW-68082-08	2.5	100	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 100 psi
 EW-68082-10	2.5	160	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 160 psi
 EW-68082-12	2.5	200	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 200 psi

item	Dial Size (in)	Max Pressure (PSI)	Description
 EW-68082-14	2.5	300	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 300 psi
 EW-68082-16	2.5	400	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 400 psi
 EW-68082-22	2.5	1500	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 1500 psi

item	Dial Size (in)	Max Pressure (PSI)	Description
 EW-68082-24	2.5	2000	Industrial Pressure/Process Gauge, 2.5" Dia, 316SS Diaphragm; 0 to 2000 psi
 EW-68082-32	4	30	Industrial Pressure/Process Gauge, 4" Dia, 316SS Diaphragm; 0 to 30 psi
 EW-68082-34	4	60	Industrial Pressure/Process Gauge, 4" Dia, 316SS Diaphragm; 0 to 60 psi

item	Dial Size (in)	Max Pressure (PSI)	Description
 EW-68082-36	4	100	Industrial Pressure/Process Gauge, 4" Dia, 316SS Diaphragm; 0 to 100 psi
 EW-68082-40	4	200	Industrial Pressure/Process Gauge, 4" Dia, 316SS Diaphragm; 0 to 200 psi
 EW-68082-44	4	400	Industrial Pressure/Process Gauge, 4" Dia, 316SS Diaphragm; 0 to 400 psi
 EW-68082-60	2.5	30	Industrial Pressure/Process Gauge, 2.5" Dia, FKM Diaphragm; 0 to 30 psi



item		Dial Size (in)	Max Pressure (PSI)	Description
	EW-68082-62	2.5	60	Industrial Pressure/Process Gauge, 2.5" Dia, PTFE Diaphragm; 0 to 60 psi
	EW-68082-64	2.5	100	Industrial Pressure/Process Gauge, 2.5" Dia, PTFE Diaphragm; 0 to 100 psi
	EW-68082-66	2.5	160	Industrial Pressure/Process Gauge, 2.5" Dia, PTFE Diaphragm; 0 to 160 psi

Cole-Parmer® Quality Utility Gauges



Suitable for heavy-duty service in industrial environments

- Glycerin liquid-filled
These mechanical gauges are designed for applications with a medium suitable for copper alloy and brass and a process environment suitable for a 304 stainless steel case.


item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-00	2.5		1/4" NPT(M) , lower
 EW-68356-02	2.5	30	1/4" NPT(M) , lower



item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-04	2.5	15	1/4" NPT(M) , lower
 EW-68356-06	2.5	30	1/4" NPT(M) , lower
 EW-68356-08	2.5	60	1/4" NPT(M) , lower
 EW-68356-10	2.5	100	1/4" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-12	2.5	160	1/4" NPT(M) , lower
 EW-68356-14	2.5	200	1/4" NPT(M) , lower
 EW-68356-16	2.5	600	1/4" NPT(M) , lower
 EW-68356-18	2.5	1000	1/4" NPT(M) , lower

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-20	2.5	2000	1/4" NPT(M) , lower
 EW-68356-22	2.5	3000	1/4" NPT(M) , lower
 EW-68356-24	2.5		1/4" NPT(M) , back
 EW-68356-26	2.5	30	1/4" NPT(M) , back

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-28	2.5	15	1/4" NPT(M) , back
 EW-68356-30	2.5	30	1/4" NPT(M) , back
 EW-68356-32	2.5	60	1/4" NPT(M) , back
 EW-68356-34	2.5	100	1/4" NPT(M) , back

item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-36	2.5	160	1/4" NPT(M) , back
 EW-68356-38	2.5	200	1/4" NPT(M) , back
 EW-68356-40	2.5	600	1/4" NPT(M) , back
 EW-68356-42	2.5	1000	1/4" NPT(M) , back


item	Dial Size (in)	Max Pressure (PSI)	Process Connection
 EW-68356-44	2.5	2000	1/4" NPT(M) , back
 EW-68356-46	2.5	3000	1/4" NPT(M) , back




Cole-Parmer® Dual-Scale Pressure Gauges, 1-1/2" Dial



Easily read psi and kPa

- Glycerin-filled gauges are ideal when high-frequency pressure fluctuations or vibrations are present
Gauge construction includes brass socket, phosphor bronze tube, 304 stainless steel case, and plastic lens.

item	Max Pressure (PSI)	Process Connection	Description
 EW-68013-01	30	1/8" NPT(M) , back	30" Hg to 30 psi Dual-Scale Gauge, 1 1/2" Dial



item	Max Pressure (PSI)	Process Connection	Description
 EW-68013-04	100	1/8" NPT(M) , back	0 to 100 psi Dual-Scale Gauge, 1 1/2" Dial
 EW-68013-05	200	1/8" NPT(M) , back	0 to 200 psi Dual-Scale Gauge, 1 1/2" Dial
 EW-68013-06	300	1/8" NPT(M) , back	0 to 300 psi Dual-Scale Gauge, 1 1/2" Dial

Cole-Parmer® 760 Torr Absolute Digital Reference Gauges, 120 VAC



Replace mercury manometers for monitoring vacuum systems

- $\pm 0.25\%$ test gauge accuracy
 - 316 stainless steel wetted parts
 - Fast response—3 readings per second
- Replace toxic mercury manometers with these vacuum gauges! Use for monitoring laboratory or industrial vacuum manifolds, pumps, and systems. Large display provides better readability than mercury or liquid manometers. The 760 torr absolute scale measures atmospheric pressure when gauge port is open and reads zero at full vacuum. Rugged epoxy-coated extruded aluminum case and rear cover, ABS/polycarbonate front bezel, front on/off push button, front accessible calibration adjustments.

item	Accuracy	Resolution	Description
 EW-68936-80	$\pm 0.25\%$ full-scale ± 1 digit	1 torr	Digital Gauge, 760 Torr; 1/4"; NPT(M)
 EW-68936-82	$\pm 0.25\%$ full-scale ± 1 digit	1 torr	Digital Gauge, 760 torr; 1/4" NPT(M) w / Backlight

Cole-Parmer® 760 Torr Absolute Digital Reference Gauges, Battery Powered



Replace mercury manometers to elevate precision in your vacuum measurements with portable or continuous-display absolute reference gauges



- Absolute reference capability for a reading of zero at full vacuum
- Designed for diverse applications with NEMA 2 protection against splashing water or dirt
- Portable battery powered models ideal for on-the-go tasks, such as checking vacuum systems and packaging machinery
- Low voltage powered models cater to continuous display needs, perfect for monitoring vacuum systems and pumps
- Elevate precision with $\pm 0.25\%$ test gauge accuracy

Cole-Parmer® 760 Torr absolute reference gauges stand out for their accuracy in vacuum measurements at both full vacuum and atmospheric pressure when the gauge port is open. The easy to read, 3-digit LCD display updates at a rate of 3 readings per second.

The battery powered models are meticulously designed for portability, making them well-suited for on-the-go tasks such as checking vacuum systems and packaging machinery. These models provide a practical solution for professionals who require flexibility and mobility in their work, allowing them to easily carry and use the gauge wherever it's needed. On the other hand, our low voltage-powered models are tailored for applications demanding a continuous display of vacuum levels, making them ideal for scenarios like monitoring vacuum systems and pumps. These models offer a reliable, uninterrupted display, ensuring that users have constant access to critical information for efficient operation and maintenance of their vacuum systems. With both options, these gauges provide a versatile and accurate solution for a wide range of industrial and scientific applications.

item	Accuracy	Display	Power Source
<div data-bbox="124 253 256 376" data-label="Image"> </div> <div data-bbox="256 253 584 286" data-label="Text"> <p>EW-68936-81</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits</p>	<p>Battery</p>
<div data-bbox="124 768 256 891" data-label="Image"> </div> <div data-bbox="256 768 584 801" data-label="Text"> <p>EW-68936-83</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits</p>	<p>Battery</p>
<div data-bbox="124 1283 256 1406" data-label="Image"> </div> <div data-bbox="256 1283 584 1317" data-label="Text"> <p>EW-68936-84</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits</p>	<p>Battery</p>

item	Accuracy	Display	Power Source
<div data-bbox="126 255 256 376" data-label="Image"> </div> <div data-bbox="256 255 584 286" data-label="Text"> <p>EW-68936-85</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits</p>	<p>Battery</p>
<div data-bbox="126 772 256 896" data-label="Image"> </div> <div data-bbox="256 772 584 804" data-label="Text"> <p>EW-68936-86</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits, LED backlight</p>	<p>Battery</p>
<div data-bbox="126 1290 256 1413" data-label="Image"> </div> <div data-bbox="256 1290 584 1321" data-label="Text"> <p>EW-68936-87</p> </div>	<p>$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)</p>	<p>3 digit LCD, 0.5" H digits, LED backlight</p>	<p>Battery</p>

item	Accuracy	Display	Power Source
 EW-68936-88	$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)	3 digit LCD, 0.5" H digits, LED backlight	Battery
 EW-68936-89	$\pm 0.25\%$ FS ± 1 LSD, (approx. ± 3 torr)	3 digit LCD, 0.5" H digits, LED backlight	Battery

Cole-Parmer Fixed Snubber, Brass, 1500 psi, Water or Light Oil



Cole-Parmer – Item # EW-68800-80

Designed to reduce or prevent these oscillations and fluctuations from reaching and affecting pressure instruments

- Reduces pressure spikes only
- Spikes last for mere milliseconds with a snubber
- Sintered mesh type snubber
- 1 year warranty

Specifications & Description

- | |
|--|
| • Min Pressure (PSI) 0 |
| • Max Pressure (PSI) 1500 |
| • Process Connection 1/4" NPT(M) |
| • Instrument Connection Npt(F) (in) 1/4 |
| • Media Compatibility Water or light oil |
| • Description Fixed Snubber, Brass, 1500 psi, Water or Light Oil |
| • Warranty 1 year |

Cole-Parmer SS, 1/4" NPT (f) X 1/4" NPT (f) , VAC To 500 PSI



Cole-Parmer – Item # EW-68340-18

Protect any gauge with a NPT(M) connector from contaminated, corrosive, hot, or viscous media

- Protect transducers, switches, and gauges 3 1/2" in diameter or smaller
- Fill/bleed connection is standard
- 1 year warranty

Specifications & Description

- | |
|--|
| • Max Pressure (PSI) 500 |
| • Process Connection 1/4" NPT(F) |
| • Instrument Connection Npt(F) (in) 1/4 |
| • Description SS, 1/4" NPT (f) X 1/4" NPT (f) , VAC To 500 PSI |
| • Warranty 1 year |



MORE ABOUT THIS ITEM

Gauge Guards are used to isolate and protect pressure or vacuum instruments used on ultra-pure or highly-corrosive fluid lines, whenever such fluids will corrode metal instrument components. Gauge Guards also protect against clogging of instruments by suspended solids or highly viscous fluids. Furthermore, they eliminate dead pocket areas within instruments where chemicals or organic matter could decompose. Gauge guards are a very cost-effective way to protect your very expensive transducers, gauges, or switches.



Process connections are 1/4" and 1/2" NPT (F) , and 1 1/2" and 2" sanitary Tri-Clamp.

Cole-Parmer® Fixed 316 SS snubbers



Precision-crafted stainless steel

- Choose snubber compatible with air or water and light oil
 - Maximum pressure: 5000 psi
- These snubbers are durable and dependable for vital needs.

item	Instrument Connection Npt(F) (in)	Max Pressure (PSI)	Media Compatibility
 EW-68800-72	1/4	5000	air
 EW-68800-82	1/4	5000	water - light oil



По вопросам продаж и поддержки обращайтесь:

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Ярославль (4852)69-52-93

Россия +7(495)268-04-70

Казахстан +7(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: cen@nt-rt.ru || сайт: <http://coleparmer.nt-rt.ru/>