

SPAN™ Dry Steel Cased Pressure Gauge – 1.5", 2.0", 2.5" and 3.5"

Overview

These gauges are designed for use with gas, oil and water or any medium not corrosive to brass or bronze. Series EC gauges are designed for applications not requiring a liquid filled gauge. EC gauges are a good choice in applications not subject to high shock or severe vibrations.

Benefits

- Dry black steel case gauge with chrome rings
- Large inventory in stock for quick shipment
- Back-up stocking programs available to OEMs
- Quality manufactured in ISO 9000 certified facility

Applications

- Pneumatic regulators
- Filters
- Low cost panel mounted gauges
- Small diameter gauges
- Tank pressures
- Air pressure measurements



EC103D
Panel Mount Industrial Gauge



EC101D
Stem Mount Industrial Gauge

Construction Data

Case	Steel - Black or Chrome
Bezel	Steel - Chrome
Socket	Brass
Bourdon Tubes	Copper Alloy Vac to 1000 PSI "C" tube 1500 to 6000 copper spiral tube
Pressure Connection	1/8" or 1/4" npt male (JIC SAE optional)
Lens	Acrylic
Pointer	Black aluminum
Movement	Brass movement
Dial	White Aluminum
Fill fluid	None
Ranges	Vacuum, compound to 6000 PSI

Gauge Scales - dual. Inner scale is metric (kPa & bar). Outer scale is PSI.

Range	Code	Major	Minor
30"-0" VAC	A	5"	.5" hg
30"-0-15 psi	CB	10"hg & 5 psi	1"hg & .50 psi
30"-0-30 psi	CC	10"hg & 10 psi	1"hg & 1 psi
30"-0-60 psi	CD	10"hg & 10 psi	2"hg & 1 psi
30"-0-100 psi	CE	30"hg & 20 psi	5"hg & 2 psi
30"-0-150 psi	CF	30"hg & 20 psi	5"hg & 2 psi
30"-0-300 psi	CH	30"hg & 50 psi	10"hg & 5 psi
0-15 psi	B	2 psi	.20 psi
0-30 psi	C	5 psi	.50 psi
0-60 psi	D	10 psi	1 psi
0-100 psi	E	20 psi	2 psi

Range	Code	Major	Minor
0-160 psi	F	20 psi	2 psi
0-200 psi	G	40 psi	5 psi
0-300 psi	H	50 psi	5 psi
0-400 psi	I	50 psi	5 psi
0-600 psi	K	100 psi	10 psi
0-1000 psi	M	200 psi	10 psi
0-1500 psi	N	200 psi	20 psi
0-2000 psi	O	400 psi	50 psi
0-3000 psi	P	500 psi	50 psi
0-4000 psi	Q	800 psi	100 psi
0-5000 psi	R	1000 psi	100 psi
0-6000 psi	S	1000 psi	100 psi

Thuemling Instrument Group

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SPAN™ Dry Steel Cased Pressure Gauge – 1.5", 20.", 2.5" and 3.5"

Performance Data

Accuracy	3-2-3% Grade B
Design	ANSI/ASME B40.1
Operating Temp.	-40 to 150F

Temperature Error

Additional error when temperature changes from reference temperature of 68F (20C) +0.4% for every 18F (10C) rising or falling as a percentage of Span.

Case Styles and Dimensions

Bottom Mount Style 1		SIZE	A	B	C	D	E		
		1½"	1.64"	.93"	.65"	2.26"	⅛" NPT		
		2"	2.07"	1.06"	.83"	2.83"	⅛" or ¼"		
		2½"	2.50"	1.13"	.88"	3.31"	¼" NPT		
		3½"	3.54"	1.12"	1.02"	4.49"	¼" NPT		
Back Mount Style 2		SIZE	A	B	C	D	E		
		1½"	1.64"	0.93"	.63"	1.51"	⅛" NPT		
		2"	2.07"	1.03"	.89"	1.90"	⅛" or ¼"		
		2½"	2.50"	1.17"	.90"	1.97"	¼" NPT		
		3½"	3.49"	1.22"	.83"	2.02"	¼" NPT		
Panel Mount Style 3		SIZE	A	B	C	D	G	E	
		1½"	1.84"	1.03"	.63"	1.61"	1.61"	⅛" NPT	
		2"	2.31"	1.18"	.73"	1.84"	2.04"	⅛" or ¼"	
		2½"	2.68"	1.12"	.76"	1.87"	2.44"	¼" NPT	
		3½"	3.98"	1.23"	.67"	2.02"	3.59"	¼" NPT	
Front Flange Style 4		SIZE	A	B	C	D	F	G	E
		1½"	1.84"	1.03"	.63"	1.61"	2.23"	1.61"	⅛" NPT
		2"	2.31"	1.18"	.73"	1.84"	2.81"	2.04"	⅛" or ¼"
		2½"	2.68"	1.12"	.76"	1.87"	3.47"	2.44"	¼" NPT
		3½"	3.98"	1.23"	.67"	2.02"	5.21"	3.59"	¼" NPT

Ordering Number for EC Series Gauge – Construct by selecting one item from each of the columns below:

Base Model	Case Style	Dry	Dial Size	Connection	Range
EC10	1 = bottom connected-plain 2 = center bk connected plain 3 = back connected u-clamp panel mount 4 = back connected front flange panel mount	D	15 = 1½" Dia. 20 = 2" Dia. 25 = 2½" Dia. 35 = 3½" Dia.	8 = ⅛" NPT male 4 = ¼" NPT male	please specify from chart
Example: EC10	1		25	4 –	E

(EC101D-254-E)

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