



# PRESSURE GAGES

*Leaders in Pressure*

*Extensive selection of utility, low pressure, process & industrial gages for a multitude of applications*





Leaders in Pressure

A word on our Pressure Gage Brochure...

Dwyer Instruments, Inc. continues to be the leading manufacturer and innovator in specialty gage application and design. Most notably, the Dwyer Magnehelic® gage remains the hallmark of the industry for low pressure indication and measurement, and is industry-proven through its robust design and field performance.

Dwyer Instruments, Inc. continues to be an innovator through its field-proven Spirahelic® series of pressure gages. Utilizing a triple wound, direct drive movement, Spirahelic® gages stretch far beyond the performance of conventional "C" tube technology, offering unmatched durability for critical and severe service applications.

Also new to the brochure is an extensive selection of industrial gages. These industrial gages vary in size, accuracy, construction and range, and are used in many applications such as process, hydraulics, test and calibration, and refrigerant charge.

Dwyer Instruments, Inc. knows that the best does not have to cost you, the customer, the most. We encourage you experience our exceptional value.

Sincerely,  
The Dwyer Instruments Team

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## PRESSURE GAGES

Series	UTILITY						LOW PRESSURE							
														
Wetted Materials	Brass	Brass	Brass socket, phosphor bronze Bourdon tube	Brass socket, phosphor bronze Bourdon tube	Brass socket, phosphor bronze Bourdon tube	Brass socket, phosphor bronze Bourdon tube	Brass	316/316L SS	Brass	Brass	Brass	Brass and beryllium copper	316L SS chamber with 316 SS diaphragm	
Ranges	To 15,000 psi, vacuum & compound, (dual scales in kPa or MPa)	To 15,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 2,000 psi, vacuum & compound (dual scales in bar & 100 x kPa)	To 5,000 psi, vacuum & compound (dual scales in bar & 100 x kPa)	To 600 psi, vacuum & compound (dual scales in bar & 100 x kPa)	To 1000 psi & vacuum (dual scales in bar & 100 x kPa)	To 235 in. w.c., vacuum & compound (dual scales in mm w.c.)	To 235 in. w.c., vacuum & compound (dual scales in mm w.c.)	To 200 in. w.c. or 10 psi vacuum	To 200 in. w.c. or 10 psi vacuum	To 200 in. w.c. (dual scales in oz/in <sup>2</sup> )	To 160 in. w.c., vacuum & compound (dual scales in kPa)	To 235 in. w.c., vacuum & compound (dual scales in mm w.c.)	
Accuracy	±2.5% between 10-90% of span	±2.5% between 10-90% of span	3-2-3% ANSI B40.1 Grade B	3-2-3% ANSI B40.1 Grade B	3-2-3% ANSI B40.1 Grade B	3-2-3% ANSI B40.1 Grade B	±1.6% full scale	±1.6% full scale	±1.5%	±1.5%	±1.0% full scale ANSI B40.1 Grade 1A	±1.5% full scale	±1.6% full scale	
Pressure Limit	Full scale range	Full scale range	110% of full scale	110% of full scale	110% of full scale	110% of full scale	Full scale range	Full scale range	110% of full scale	110% of full scale	110% of full scale	Full scale range	130% full scale range	
Temperature Limit (Process)	248°F (120°C)	248°F (120°C)	160°F (71°C)	160°F (71°C)	160°F (71°C)	160°F (71°C)	212°F (100°C)	212°F (100°C)	140°F (60°C)	140°F (60°C)	150°F (65°C)	160°F (70°C)	248°F (120°C)	
Size	2.5" (63 mm)	4" (100 mm)	2" (50 mm)	3.5" (89 mm)	1.5" (40 mm) or 2" (50 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	4" (100 mm)	
Connection & Mounting	1/4" NPT bottom	1/4" NPT bottom	1/8" or 1/4" NPT bottom	1/4" NPT bottom	1.5" = 1/8" center back 2" = 1/8" or 1/4" NPT center back	1/4" NPT center back	1/4" NPT bottom	1/4" NPT bottom	1/4" NPT bottom	1/4" NPT bottom	1/4" NPT center back	1/4" NPT bottom or center back	1/4" NPT bottom	1/2" NPT bottom

## PRESSURE GAGES

Series	INDUSTRIAL							PROCESS					
													
Wetted Materials	Brass	316 SS	Brass	316 SS	Brass socket, phosphor bronze Bourdon tube	Brass 1000 psi and less; 316L SS over 1000 psi	316L SS	316L SS	316L SS	316L SS	316 SS	Inconel® X-750 & 316L SS	316L
Ranges	To 6,000 psi	To 4,000 psi	To 15,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 15,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 10,000 psi, vacuum & compound	To 20,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 10,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 20,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 20,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 20,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 20,000 psi, vacuum & compound (dual scales in kPa or MPa)	To 10,000 psi compound	To 20,000 psi vacuum (dual scales in kPa or MPa)
Accuracy	±1.6% full scale	±2.5% full scale	±1.6% full scale	±1.6% full scale	±1.5% full scale	±1.6% full scale	±1.0% full scale, ANSI B40.1 Grade 1A	±1.0% full scale ANSI B40.1 Grade 1A	±0.5% full scale ANSI B40.1 Grade 2A	±0.5% full scale ANSI B40.1 Grade 2A	±0.5% full scale ANSI B40.1 Grade 2A	±0.5% full scale ANSI B40.1 Grade 2A	±1.0% full scale ANSI B40.1 Grade 1A
Pressure Limit	Full scale range	125% or 115% of full scale depending on range	130% or 115% of full scale depending on range	130% or 115% of full scale depending on range	110% of full scale	125% or 115% of full scale depending on range	130% or 115% of full scale depending on range	130% or 115% of full scale depending on range	130% or 115% of full scale depending on range	130% or 115% of full scale depending on range	110% of full scale	150% of range scale	130% or 115% of full scale depending on range
Temperature Limit (Process)	150°F (65°C)	356°F (180°C)	248°F (120°C)	518°F (270°C)	160°F (71°C)	257°F (125°C)	518°F (270°C)	572°F (300°C)	518°F (270°C)	300°F (150°C)	160°F (71°C)	180°F (82°C)	150°F (65°C)
Size	1.5" (40 mm) or 2" (50 mm)	1.5" (40 mm) or 2" (50 mm)	2.5" (63 mm)	2.5" (63 mm)	2.5" (63 mm)	4" (100 mm)	8" (200 mm) or 10" (250 mm)	4.5" (115 mm)	4" (100 mm)	4.5" (115 mm)	4.5" (115 mm)	4.5" (115 mm)	4" (100 mm)
Connection & Mounting	1/8" NPT bottom or center back	1/8" NPT bottom	1/4" NPT bottom	1/4" NPT bottom	1/4" NPT bottom	1/4" NPT bottom	1/2" NPT bottom	1/2" NPT bottom	1/2" NPT bottom	1/2" NPT bottom	1/4" or 1/2" NPT bottom	1/2" NPT bottom	1/2" NPT bottom

Contact the factory for various size, range, mounting and connection options.  
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## DWYER INSTRUMENTS, INC.

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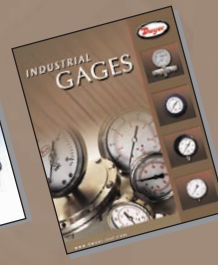
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