

# MODEL 30

## 1% STAINLESS STEEL PRESSURE GAUGES - DRY OR LIQUID FILLED

*Designed for heavy duty service in process and industrial applications such as chemical, petrochemical, power, food processing and biotechnology.*



### SPECIFICATIONS:

Dial Size:	2-1/2", 4" or 6"
Accuracy:	±1% FS - ANSI Grade 1A
Case:	304SS
Bezel:	304SS Bayonet Lock Type
Socket:	316SS or Monel
Bourdon Tube:	316SS or Monel
Movement:	316SS or Monel with Overload/ Underload Stops
Lens:	Laminated Safety Glass
Pointer:	2-1/2": Non-Adjustable 4": Friction Adjustable 6": Micrometer Adjustable
Dial:	Heavy Gage Aluminum
Connection:	2-1/2": 1/4" NPT Lower or Center Back 4": 1/4" NPT & 1/2" NPT Lower or Lower Back 6": 1/2" NPT Lower or Lower Back
Range:	See Range Chart
Scales:	psi (metric available)
Protection Standard:	IP65 in accordance with NF EN 60529

### ➤ AVAILABLE OPTIONS:

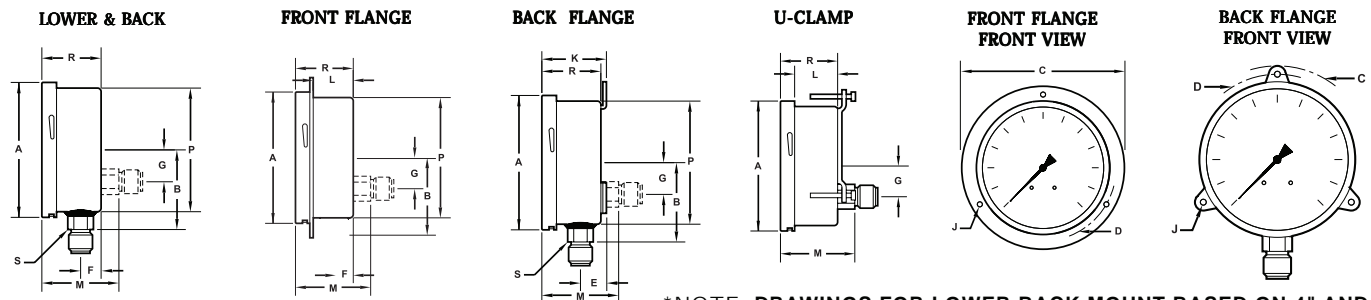
- U-Clamp (2-1/2" - 4")
- Front Flange (back mount only)
- Back Flange
- Fill (Glycerine Standard)
- Other Fluids Available
- Drag Pointer (4" & dry only)
- Oxygen Cleaning (dry only)

### MODEL CODES:

Model 30S	316SS Tube and Socket
Model 30M	Monel Tube and Socket

Estimated Shipping Weights		
DIAL SIZE	DRY	FILLED
2-1/2"	6 oz.	9 oz.
4"	1 lb. 3 oz.	2 lbs.
6"	2 lbs. 1 oz.	3 lbs. 6 oz.

### ➤ AVAILABLE CASE STYLES AND DIMENSIONS:



\*NOTE: DRAWINGS FOR LOWER BACK MOUNT BASED ON 4" AND 6"

DIAL	A	B	C	D	E	F	G	J	K	L	M	P	R	S
2-1/2"	2.66" (67,6mm)		3.19" (81mm)	2.95" (75mm)		.43" (11mm)		.14" (3,6mm)		.69" (17,5mm)	1.46" (37mm)	2.48" (63mm)	1.12" (28,5mm)	.55" (14mm)
4"	4.18" (106,2mm)	2.48" (63mm)	5.12" (130mm)	4.65" (118mm)	1.00" (25,5mm)	.91" (23mm)	1.24" (31,5mm)	.22" (5,5mm)	2.22" (56,5mm)	1.55" (39,3mm)	2.70" (68,5mm)	3.86" (98mm)	2.15" (54,5mm)	.87" (22mm)
6"	5.91" (150,2mm)	3.35" (85mm)	7.09" (180mm)	6.61" (168mm)	1.00" (25,5mm)	.91" (23mm)	1.24" (31,5mm)	.22" (5,5mm)	2.22" (56,5mm)	1.55" (39,3mm)	2.70" (68,5mm)	5.59" (142mm)	2.15" (54,5mm)	.87" (22mm)



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► HOW TO ORDER:

To Build A Part Number: Select one code from each column to build your gauge.

DIAL	MODEL CODE	TUBE & SOCKET	CASE	CONN. SIZE	CONN. LOCATION	CONN. TYPE	RANGE & SCALE	OPTIONS
2-1/2"	<b>25 30</b>	<b>S</b> = 316SS <b>M</b> = Monel	<b>S</b> = Stainless Steel	<b>4</b> = 1/4"	<b>L</b> = Lower <b>C</b> = Center Back	<b>1</b> = NPT <b>2</b> = BSPT <b>3</b> = BSP straight	See Range Chart (Up to range of 10,000 psi)	<b>E</b> = Back Flange <b>F</b> = Front Flange* <b>G</b> = Glycerine Fill <b>R</b> = Restrictor <b>S</b> = Silicone Fill U-Clamp ** (sold separately) Oxygen Cleaning ***
4"	<b>40 30</b>	<b>S</b> = 316SS <b>M</b> = Monel	<b>S</b> = Stainless Steel	<b>2</b> = 1/2" <b>4</b> = 1/4"	<b>L</b> = Lower <b>B</b> = Lower Back	<b>1</b> = NPT <b>2</b> = BSPT <b>3</b> = BSP straight	See Range Chart	<b>D</b> = Drag Pointer <b>E</b> = Back Flange <b>F</b> = Front Flange* <b>G</b> = Glycerine Fill <b>R</b> = Restrictor <b>S</b> = Silicone Fill <b>V</b> = U-Clamp Oxygen Cleaning ***
6"	<b>60 30</b>	<b>S</b> = 316SS <b>M</b> = Monel	<b>S</b> = Stainless Steel	<b>2</b> = 1/2" <b>4</b> = 1/4"	<b>L</b> = Lower <b>B</b> = Lower Back	<b>1</b> = NPT <b>2</b> = BSPT <b>3</b> = BSP straight	See Range Chart	<b>E</b> = Back Flange <b>F</b> = Front Flange* <b>G</b> = Glycerine Fill <b>S</b> = Silicone Fill <b>R</b> = Restrictor Oxygen Cleaning ***

\* Front Flange available on Back Mount only  
 \*\* U-clamp on 2-1/2" dial is sold separately. Order part number 95-1701  
 \*\*\* Oxygen cleaning is sold separately. Order part number 10000006.

Example:

**Specs:** 2-1/2", Model 30, 316SS, 1/4" Lower, NPT, 0-1500 psi, Glycerine

<b>Select:</b>	25 30	S	S	4	L	1	H2A	G
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**Ordering Format:** 2530SS4L1H2AG

► STANDARD RANGES:

CODE = RANGE (psi)	INTERVALS (Hg) (psi)	DIVISIONS (Hg) (psi)
<b>V1K</b> = 30" Hg	5"	.2"
<b>Z1A</b> = 30-0-15	5" 5	.5" .2
<b>Z2A</b> = 30-0-30	5" 5	1" .5
<b>Z3A</b> = 30-0-60	10" 10	1" 1
<b>Z4A</b> = 30-0-100	30" 10	5" 2
<b>Z5A</b> = 30-0-160	30" 20	5" 2
<b>Z6A</b> = 30-0-200	30" 20	5" 2

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
<b>B7A</b> = 0-15	3	.1
<b>C6A</b> = 0-30	5	.2
<b>D6A</b> = 0-60	10	.5
<b>D9A</b> = 0-100	10	1
<b>E4A</b> = 0-160	20	2
<b>E5A</b> = 0-200	20	2
<b>E8A</b> = 0-300	50	2
<b>F2A</b> = 0-400	50	5
<b>F4A</b> = 0-600	100	5
<b>F7A</b> = 0-800	100	10

CODE = RANGE (psi)	INTERVALS (psi)	DIVISIONS (psi)
<b>F8A</b> = 0-1000	100	10
<b>H2A</b> = 0-1500	300	10
<b>H5A</b> = 0-2000	200	20
<b>H9A</b> = 0-3000	500	20
<b>J4A</b> = 0-4000	500	50
<b>J8A</b> = 0-5000	500	50
<b>K4A</b> = 0-10,000	1000	100
<b>K7A</b> = 0-15,000	3000	100

**NOTE: INTERVALS AND DIVISION BASED ON 4" DIAL SIZE. CONTACT FACTORY TO REQUEST INFORMATION ON OTHER DIAL SIZES.**  
**NOTE: ABOVE 15,000 PSI AVAILABLE ONLY WITH 1/2" BSP STRAIGHT CONNECTION (G<sup>1/2</sup>).**  
**NOTE: OTHER RANGES AND SCALES AVAILABLE. CONSULT FACTORY.**