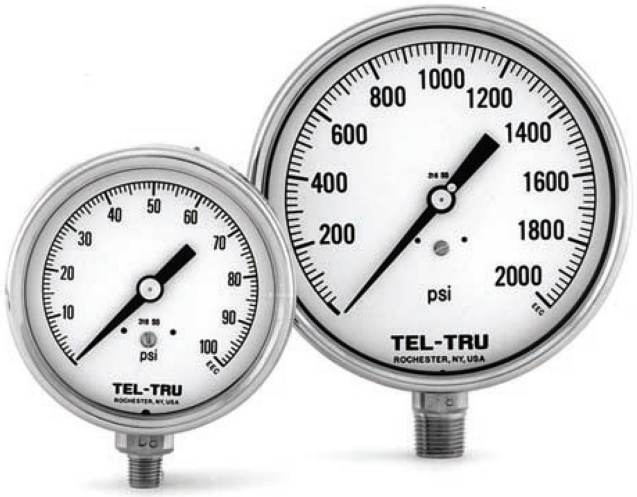
TEL-TRU® TEMPERATURE SOLUTIONS

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
Bourdon Tube:	316SS
Movement:	316SS
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
Protection Standard:	IP65 in accordance with NF EN 60529

AVAILABLE OPTIONS

- U-Clamp (2-1/2")
- Front Flange (back mount only)
- Fill (Glycerine Standard)
- Back Flange
- Oxygen Cleaning (dry only)

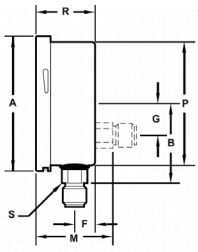
MODEL CODES

Model 30S: 316SS Tube and Socket

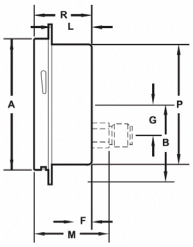
Estimated Shipping Weights		
DIAL SIZE	DRY	FILLED
2-1/2"	6 oz.	9 oz.
4"	1 lb. 3 oz.	2 lbs.
6"	2 lbs. 1 oz.	1 lbs. 6 oz.

AVAILABLE CASE STYLES AND DIMENSIONS

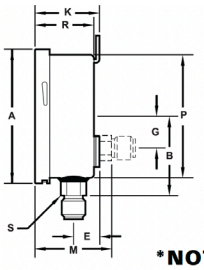
Lower & Back



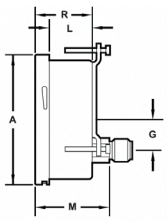
Front Flange



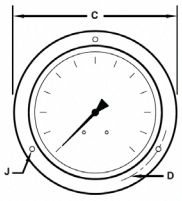
Back Flange



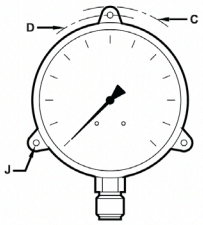
U-Clamp



Front Flange, Front View



Back Flange, Front View



***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)

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"	**25 30**	**S** = 316SS	**S** = Stainless Steel	**4** = 1/4"	**L** = Lower **C** = Center Back	**1** = NPT	See Range Chart (Up to range of 10,000 psi)	**E** = Back Flange **F** = Front Flange* **G** = Glycerine Fill **S** = Silicone Fill Oxygen Cleaning ***
4"	**40 30**	**S** = 316SS	**S** = Stainless Steel	**2** = 1/2" **4** = 1/4"	**L** = Lower **B** = Lower Back	**1** = NPT	See Range Chart	**E** = Back Flange **F** = Front Flange* **G** = Glycerine Fill **S** = Silicone Fill Oxygen Cleaning ***
6"	**60 30**	**S** = 316SS	**S** = Stainless Steel	**2** = 1/2" **4** = 1/4"	**L** = Lower **B** = Lower Back	**1** = NPT	See Range Chart	**E** = Back Flange **F** = Front Flange* **G** = Glycerine Fill **S** = Silicone Fill 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

Select:	25 30	S	S	4	L	1	H2A	G

Ordering Format: 2530SS4L1H2AG

STANDARD RANGES

CODE = RANGE (psi)	INTERVALS (Hg)	INTERVALS (psi)	DIVISIONS (Hg)	DIVISIONS (psi)
V1K = 30" Hg	5"		.2"	
Z1A = 30-0-15	5"	5	.5"	.2
Z2A = 30-0-30	5"	5	1"	.5
Z3A = 30-0-60	10"	10	1"	1
Z4A = 30-0-100	30"	10	5"	2

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

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

NOTE: *INTERVALS AND DIVISION BASED ON 4" DIAL SIZE. CONTACT FACTORY TO REQUEST INFORMATION ON OTHER DIAL SIZES.*
NOTE: *OTHER RANGES AND SCALES AVAILABLE. CONSULT FACTORY.*

TEL-TRU® TEMPERATURE SOLUTIONS

SHOP ONLINE
www.teltru.com
Phone: (585) 232-1440
(800) 232-5335
408 St. Paul Street, Rochester, NY 14605 USA

CERTIFIED ISO 9001:2015 COMPANY