

T5400 All Stainless Steel Process Gauge

Rugged all welded stainless steel construction

Dry or liquid filled



Features

- Overload protection 130%
- Weather Proof IP66
- 100mm dial size

Typical Applications

- Chemical and Petrochemical
- Machine Equipment
- Power Plants
- Pulp and Paper

T5400 All Stainless Steel Process Gauge

PERFORMANCE SPECIFICATIONS	
Accuracy:	Class 1.6
Standard:	EN837-1, GB/T1226
Pressure Range:	Vacuum, compound, 0 to 400 bar (psi, KPa, MPa, kg/cm ² and other units are available)
Dial Size:	100mm
WETTED MATERIALS	
Bourdon Tube:	316L
Process Connection:	304SS, 316L optional
NON-WETTED MATERIALS	
Case:	304SS, 316L optional
Ring:	304SS, 316L optional
Window:	Instrument glass, safety glass optional
Dial:	Aluminum, black figures on white background
Pointer:	Aluminum, black, micrometer pointer optional
Process Connection:	1/4NPT male, 1/2NPT male, G1/2B male, G1/4B male, M20×1.5 male
Connection Location:	Lower or Back
PHYSICAL SPECIFICATIONS	
Ingress Protection:	IP66
Mounting:	Pipe mount, Panel mount, Surface mount
Filling Liquid:	Silicone, glycerin
Weight(kg):	Dry - 0.9, liquid - 1.2
ENVIRONMENT SPECIFICATIONS	
Ambient:	-40 ... 70 °C
Medium:	max 200°C, dry; max 100°C, liquid filled
Storage:	-40 ... 70 °C
Thermal Effect:	max 0.4% / 10K

Data Sheet

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RANGES

bar BAR	kPa KPA	MPa MPA	kg/cm ² KG/CM ²	psi PSI
Pressure				
1	100	0.1	1	15
1.6	160	0.16	1.6	30
2.5	250	0.25	2.5	60
4	400	0.4	4	100
6	600	0.6	6	160
10	1000	1	10	200
16	1600	1.6	16	300
25	2500	2.5	25	400
40	4000	4	40	600
60	6000	6	60	800
100	10000	10	100	1000
160	16000	16	160	1500
250	25000	25	250	2000
400	40000	40	400	3000
				4000
				5000
				6000

bar BAR	kPa KPA	MPa MPA	kg/cm ² KG/CM ²	IMV/psi IMV/PSI
Vacuum				
-1/0	-100/0	-0.1/0	-1/0	-30 in.Hg/0
Compound Ranges				
-1/1.5	-100/150	-0.1/0.15	-1/1.5	-30 in.Hg/15
-1/3	-100/300	-0.1/0.3	-1/3	-30 in.Hg/30
-1/5	-100/500	-0.1/0.5	-1/5	-30 in.Hg/60
-1/9	-100/900	-0.1/0.9	-1/9	-30 in.Hg/100
-1/15	-100/1500	-0.1/1.5	-1/15	-30 in.Hg/150
-1/24	-100/2400	-0.1/2.4	-1/24	-30 in.Hg/300

Other ranges and units on request

T5400 All Stainless Steel Process Gauge

Ordering Code	T5400	100	S	L	15	L	16BAR	XGV
Model								
T5400	All Stainless Steel Process Gauge		T5400					
Dial								
100	100mm		100					
Tube Material								
S	316L		S					
Case Filling								
D	Dry							
L	Liquid Filled		L					
Process Connection								
04	½ NPT male							
02	¼ NPT male							
13	G ¼ B male							
15	G ½ B male					15		
16	M20 X 1.5 male							
Connection Location								
L	Lower		L					
B	Rear							
Range								
See Range Table on Page3							16BAR	
Options (Select the code from top to bottom in the following table)								
See next page								XGV

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Ordering Code	T5400	100	S	L	15	L	16BAR	XGV
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Options (Select the code from top to bottom in the following table)

BO	With blow out disc
DA	Special dial mark
DU	Weld to seals or accessories
FC	Back flange
FX	Front flange
GR	Glycerin case filling
GV	Silicone oil case filling
HY	Hydrostatic test (130%, 1 min)
MP	Micrometer pointer
MQ	PMI test
NH	SS tag plate
ON	Without Ashcroft Logo
P2E.GR	With 2 external set hands
SG	Safety glass
SS	Special scale
YW	316L case
3C	CMC dial design
3L	316L socket
6B	Clean for Oxygen service (only for dry gauge)
6W	Clean for "free of oil and grease" (not for Oxygen service)
C3	Material cert 3.1
C4	5 point calibration
CD5	NACE compliance cert
CD6	Typical material certificate
CS	Dual scale
M0	Assembled to accessories
M01	Assembled to seals

Data Sheet

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Dimensions mm [Inch]

