

All Stainless steel Test Pressure Gauge

Model: PT1

Applications

- Calibration Labs
- Test benches
- Test and measurement & Validation
- Testing of industrial type pressure
- For gaseous and liquid aggressive media that are not highly viscous or crystallising, also in aggressive ambience
- Process industry: Chemical/petro chemical, power stations, food and beverage, offshore oil rigs, pulp and paper, environmental technology, machine building and general plant construction



Special features

- Stabilizer movement
- Anti-glare & Anti-static window
- Knife edge pointer for optimal accuracy of reading
- All stainless steel construction
- Design EN 837-1
- Scale ranges up to 0 ... 1,600 bar

Description

■ Accuracy class	NS 100, 160, 250: 0.25, 0.5, 0.1% (option)
■ Pressure element	Stainless steel 316L C-type or helical type Hastelloy, Monel, Tantalum (option)
■ Process connection	Stainless steel 316L back & bottom NS 100, 160, 250: 1/2 NPT, BSP (option)
■ Socket & connection	316L st. steel treated
■ Window	Laminated safety glass Anti-glare & Anti-static
■ Permissible temperature	Ambient: -40 ... +60 °C without liquid filling -20 ... +60 °C gauges with glycerine filling Medium: +200 °C maximum without liquid filling +100 °C maximum with liquid filling
■ Movement	Stainless steel with stabilizer
■ Pointer	Micro - Adjustable with twisted type and counterweight
■ Dial	Mirrored, single or dual scale
■ Protection	IP66
■ Range	0...10 to 0...30,000 psi; 0...60 to 0...200,000 kPa; 0...0.6 to 0...2,000 bar Vacuum & compound ranges are available. single or double scale dials.



■ Pressure limitation

NS 63: Steady: 3/4 x full scale value
Fluctuating: 2/3 x full scale value

Short time: Full scale value

NS 100, 160: Steady: Full scale value
Fluctuating: 0.9 x full scale value

Short time: 1.3 x full scale value

■ Temperature error

When the temperature of the measuring system deviates from the reference temperature (+20 °C):
max. $\pm 0.4\% / 10\text{ K}$ of full scale value

PT1 Pressure Gauges

ORDERING CODE	Example: PT1	6	T	2	D	S	AT	WA	Note
Dial Size									
4 - 100mm(4")									
6 - 160mm(6")		6							
10 - 250mm(10")									
Process Connection									
T - Bottom			T						
B - Back									
Process Connection Sizes				2					
2 - 1/2 NPT Male NS100,160, 250 Dial									
4 - 1/2 G Male NS100,160, 250 Dial									
6 - Customer									
Case Design					D				
D - Dry									
L - Liquid fill									
Tube and Process Connection						S			
S - 316L Stainless steel									
M - Monel® 400									
H - Hastelloy									
C - Customer									
Accuracy							AT		
AT - 0.5% (std.)									
AB - 0.25%									
AC - 0.1%									
Options									
SC - Single scale									
DS - Dual scales									
YW - 316L Stainless steel case									
OS - Overload stop									
GF - Glycerine filling									
BF - Back flange for wall mounting									
MF - Front flange for panel mounting									
CC - Calibration certificate									
NH - Stainless steel tag wired to case									
AT - ATEX									
WA - One year warranty						WA			
Other									





Address: 7191 Yonge street, Toronto, Canada

Tel: +16472221281(5 line)

Web: www.madecotech.com

Email: Info@madecotech.com