

Digital Pressure Test Gauge



PI Digital Pressure Gauge

- 0.05 % F.S Accuracy
- Intrinsically Safe
- Optional 0.025% F.S Accuracy

Ordering Information

Model:

TIS - PI - (Range) - (Accessories)

Standard accessories:

- 1) Factory Cal Certificate Traceable to International/ National Standard
- 2) Operating Manual
- 3) Rubber Boot
- 4) Warranty 1 year

Pressure Specification

Pressure Range:

±70mbar, 1, 2, 7, 20, 40, 70, 140, 200, 400, 700, 1000 bar

Accuracy:

±0.05 % FS Positive Pressure

±0.25% FS Vacuum/ 500psi & below

Selectable Engineering Units:

Mpa, kPa, bar, kg/cm², psi,

mbar(<=1Kpsi),

mmHg@0°C(<=1Kpsi), inHg@0°C,

cmH₂O@4°C/20°C (<=1Kpsi),

mmH₂O@4°C/20°C(<=100psi),

mH₂O@4°C/20°C,

inH₂O@4°C/20°C/60°F (<=3Kpsi),

ftH₂O@4°C/20°C/60°F, ft sea water,

m sea water, Torr(<=1Kpsi)

Temperature Compensation:

0 ~ 50 °C (32 °F ~ +122 °F)

to rated accuracy.

- Note: For temperatures from -10°C to 0°C and 50°C to 55°C add

0.005%F.S./°C

Environmental:

Operating Temperature -10 ~ 55°C

Storage 20 ~ 70°C (-4°F ~ +158°F)

Pressure Connection:

Bottom Connection 1/4" NPT male

Media Compatibility:

Liquids & gases compatible with

316 stainless steel

General Specification

Display:

5 digits, 0.65" (16.53mm) height

Bar graph -0 ~ 100% in 20 segments

Size:

4.375" x 5" x 1.5"

Weight:

0.3 kg

Power / Operating Hours:

3 size AA alkaline batteries

1500 hours w/o backlight

Optional Accessories:

External 24 VDC Power Input

Sanitary Seal