

Prisma serie PI700

Pressure Gauge



- Accuracy : $\pm 0,1\%$, $\pm 0,05\%$, $\pm 0,02\%$, full scale
- Units : Bar, mBar, kPa, Pa, psi, kgf/cm², mmH₂O, mmHg, MPa
- Scale: Any scale from (-1-0) bar to 2500 bar
- Display: 5 digits with a character height of 14 mm
- Connection: 1/4 " NPT male or M20 * 1.5 (or customizable)
- Easy to use, robust design and reliable performance
- Lithium battery 2 years of battery life 24 hours
- Temperature compensation range (0-50 ° C)
- Calibration certificate with factory traceability
- Optional ISO17025 equivalent COFRAC or NIST certificate

With a microprocessor and high technology pressure sensors, the PI700 series digital manometers offer an accurate, reliable and cost-effective solution for a wide range of applications. They are very easy to use and are very functional. To achieve the best performance, each pressure sensor is specially aged, tested before assembly. With data logging, the PI700 manometer can store pressure measurement data in its internal memory or display it on a PC.

Pneumatic or Hydraulic Test Kit

Digital pressure gauge PI700 + Hand pump « PMP ou PMH »

- Combine any PI700 series pressure gauge up to 140 bar and a pneumatic manual pump from the PMP series and you get a complete kit of pneumatic pressure test (air)
- Combine any 250 bar PI700 series pressure gauge up to 2500 Bar and one manual hydraulic pump of the PMH series and you get a complete high pressure test kit
- An ideal tool and at the best price to allow you to do it yourself
- The control of your pressure instruments (manometers, pressure switches, pressure transmitters ...) and establish your calibration certificates with traceability



Special offer

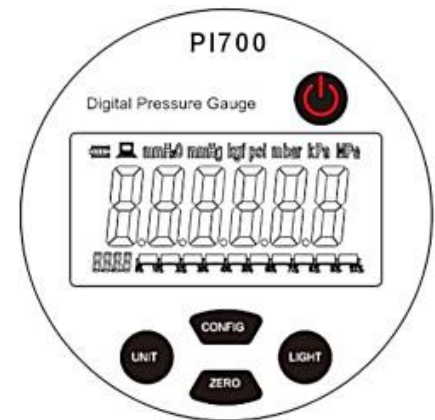
A storage case will be offered for any combined order:
PI700 series pressure gauge + PMP or PMH series pump

Prisma serie PI700

Pressure Gauge

Specifications

- Large 5-digit LCD display with backlight function
- Low power consumption: 3.6 VDC lithium battery
- 9 selectable pressure units
- Calibration point, full scale calibration function
- The RS232 communication port
- Temperature compensation 0-50 ° C
- Overpressure alarm function
- Indication in% with graphic scale for a better visual
- Stainless steel bottom connection
- Equipped with a robust and lightweight aluminum alloy lid
- Dimensions / Weight: Φ 92.6 x 133 x 41 mm / 0.5kg
- CE & EX approved



Scale & Accuracy

| Model | Bar | Accuracy % P.E. |
|--------------|----------|-----------------------------------|
| PI700-10 | -1 à 0 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-11 | -1 à 1 | $\pm 0,05\% \pm 0,1\%$ |
| PI700-0.16 | 0 à 0.16 | $\pm 0,05\% \pm 0,1\%$ |
| PI700-0.25 | 0 à 0.25 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0.40 | 0 à 0.40 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0.60 | 0 à 0.60 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-01 | 0 à 1 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-01.6 | 0 à 1,6 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-02 | 0 à 2 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-04 | 0 à 4 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-06 | 0 à 6 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-010 | 0 à 10 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-016 | 0 à 16 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-025 | 0 à 25 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-040 | 0 à 40 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-060 | 0 à 60 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0160 | 0 à 160 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0250 | 0 à 250 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0400 | 0 à 400 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0600 | 0 à 600 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700-0700 | 0 à 700 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700X-01K | 0 à 1000 | $\pm 0,05\% \pm 0,1\%$ |
| PI700X-01.6K | 0 à 1600 | $\pm 0,02\% \pm 0,05\% \pm 0,1\%$ |
| PI700X-02.5K | 0 à 2500 | $\pm 0,05\% \pm 0,1\%$ |

Order Code

Example PI700-0400-005-12N

PI700 Prisma Pressure Gauge PI700

400 0 - 400 Bar (voir tableau ci-contre)

005 Accuracy: 0,05% Full scale
002 : 0,02% 005 : 0,05% 01 : 0,1%

12N Connection: 1/2 NPT M
12N : 1/2NPT 14N : 1/4NPT 12B : 1/2 BSP
14B : 1/4 BSP M : M20X1.5 Autre : Précisez

Option ISO : Calibration certificate ISO/CEI 17025