





Digital Pressure Gauge, Master

Model: PRD-700



PRODUCT DESCRIPTION

▼ Supports multiple pressure types (gauge, absolute, differential, compound) with ranges up to 2500 bar and accuracy options from 0.2% to 0.01%.

▼ Utilizes the same premium sensors as the UK brand "Ashford Instrumentation".

▼ Features a backlit LCD with six-digit, and data logging for up to 1600 records.

PRODUCT SPECIFICATION

Connection location

Bottom mount

Nominal size

4.5"

Scale ranges

0 ... 10 mbar to 2500 bar,
or other equivalent units of pressure,
vacuum or compound

Pressure units

kPa, psi, kg/cm², mbar, MPa, mmH₂O,
mmHg, inH₂O, Torr

Accuracy

±0.2% F.S., ±0.1% F.S., ±0.05% F.S.,
±0.025% F.S., ±0.01% F.S.

Overpressure load

120% F.S.

Process connection

316 SS
1/4, M20x1.5
G, NPT, M

Case/Ring

Aluminum alloy

Window

Plastic

Diaphragm

316L SS

Display

6 digits
LCD, switchable backlight button

Response time

3 times/sec

Multifunction

Temperature display. Percentage bars
indication for visual reference. Zero
function. Peak function

Data logging

40 files, 40 data per file,
1600 records in total

Communication

RS232 (Do not use the RS-232
connector in a hazardous area)

Power supply

7.4V rechargeable lithium battery,
110/220V external power adapter

Ambient temperature

-20°C ... 60°C

Medium temperature

0°C ... 50°C

Temperature Compensated

0°C ... 50°C

Weight

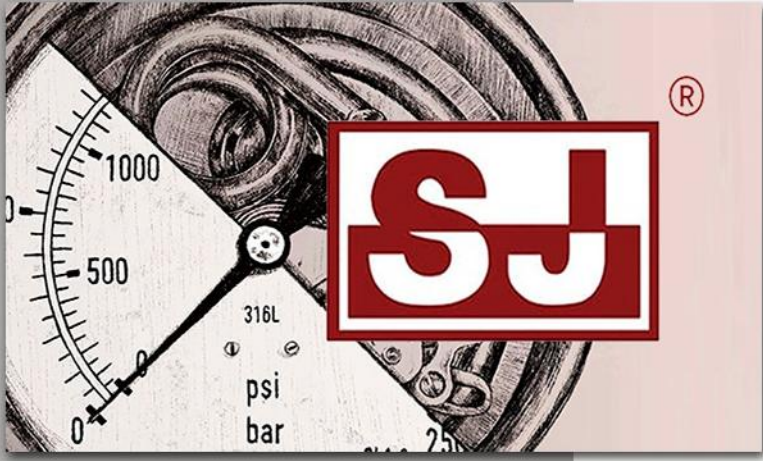
0.7kg

Accessories (option)

Rubber protector, carrying case,
tube for DP models

Explosion-proof

Certification approved
(Certificate#: Exia II CT4Ga)



rsIMMA

Elementos For Manufacturing Processes



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