



Description

A high performance digital pressure gauge that has the ability to auto-range and maintain a 0.1 % of reading accuracy from vacuum to 200 bar. The 7078 eliminates the need for multiple gauges to span many different ranges, solving the problem of over ranging errors. Both users and companies benefit by replacing several gauges with the 7078, with less maintenance and calibration required, saving both downtime and excessive costs.

In addition to precision the 7078 is designed for arduous use with shock proof componentry and an integrated rubber casing for increased durability. This makes the gauge ideal for laboratory and field calibration work.

We also have a range of accessories and accompanying products suitable for use with the 7078 gauge. These include pneumatic and hydraulic hand pumps, manifolds and pressure adaptor kits.

Specifications

Range	Vacuum to 200 bar (3000 psi) auto-ranging.
Accuracy	± 0.1 % of reading, ± 0.01 % of full scale, ± one least significant digit.
Pressure units	psi, kPa, mmHg, inHg, inH2O, mmH2O, kg/cm ² , BarAbsolute, psi Absolute, mBar Absolute, mmHg Absolute, Bar, mBar.
Sensors	Multiple piezo resistive sensors.
Pressure reading capability	Gauge and absolute pressure.
Protection	Rugged, shock-proof design (protective rubber housing as standard) Setback thread protects the port from damage in the event the unit is dropped.
Display	Backlit multi-information LCD display.
Process connection	¼ " NPT Male.
Materials	Stainless steel connection, rubber housing, AA batteries (3).
Power	Powered by 3 AA batteries with 500 hours of rated battery life.
Dimensions	H 165 x W 115 x D 55 mm.
Weight	0.88 kg.

Due to continuous development Time Electronics reserves the right to change specifications without prior notice.

Features

- Vacuum to 200 bar (3000 psi)
- Accuracy 0.1 % of reading
- 9 engineering units
- High accuracy silicone piezo resistive sensors
- Reads both gauge and absolute pressure
- Easy to read backlit display
- Robust with protective rubber housing
- Ideal for use with TE calibration pumps

Ordering information

7078	Auto-Ranging Digital Pressure Gauge (Vacuum to 200 bar)
C204	Traceable calibration certificate (Factory)
C205	Accredited calibration certificate (ISO 17025)