



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

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 200bar. 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. To complement the gauge Time Electronics offer a range of pressure pumps. These include the 7090 and 7095 hand pumps, and the 7194 tabletop pneumatic pump. The 7078 can also be used with pressure calibrators.

SPECIFICATIONS

Range	Vacuum to 200bar (3000psi) 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, psiAbsolute, mBarAbsolute, mmHgAbsolute, 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	Easy to read backlit colour display with full 2 line alphanumerics
Process Connection	1/4" NPT Male
Materials	Stainless steel valve, rubber housing, electronic board, AA batteries (3)
Power	Powered by 3 AA batteries with 500 hours of rated battery life
Dimensions	H165 x W115 x D55mm
Weight	0.88kg

ORDERING INFORMATION

7078	Auto-Ranging Digital Pressure Gauge (Vacuum to 200bar)
C204	Factory Calibration Certificate (NPL traceable)
C205	UKAS Calibration Certificate (ISO 17025)

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