



- Vacuum to 20bar versions available
- Accuracy 0.04% of full scale
- Pneumatic with regulator
- Calibrate gauges, transmitters, sensors
- 4.5 digit display
- 5 selectable pressure units
- Over-pressure alarm
- RS-232 serial interface
- EasyCal software compatible

DESCRIPTION

The 7062 is a practical pressure or vacuum calibration and control module. It can be used to output a precise pressure or vacuum that can be adjusted by a regulator, or provide accurate pressure measurement via the front panel port. There are six available versions according to required output range, either vacuum, 0.2, 2, 5, 10, or 20bar.

The 7062 combines high accuracy with simple operation, and is the popular choice for test engineers performing pressure calibration applications under 20bar. It is an easy to use module suitable for high volume work in process plants, offshore platforms, refineries, and many other on-site testing facilities. It is ideal for calibration and maintenance of pressure gauges, sensors, transmitters, transducers, indicators, switches, and more.

Features include a 4.5 digit LCD display, 5 pressure units, zeroing switch, regulated output as well as pressure measurement input. Basic accuracy is 0.04% of full scale. Line pressure is supplied via an input quick release port fitted on the rear of the console.

The 7062 is fitted as standard with an RS-232 interface which is accessible on the rear of the CalBench console or internally connected to a 7051 calibrator/control centre. This enables communication and read back with EasyCal calibration software (supplied as standard with the 7051 multifunction calibrator/control centre module). With EasyCal the user can define and perform pressure calibration procedures as well as create and print traceable calibration certificates.

SPECIFICATIONS

Specifications are for 1 year at 23°C ±5°C. Accuracy includes linearity and long term effects. All accuracies are ±1 digit. For operation outside specified temperature range, apply 70ppm per °C

Range (bar)	-0.95 to 0	0 to 0.2	0 to 2	0 to 5	0 to 10	0 to 20
Accuracy (% of fs)	0.04	0.1	0.04	0.04	0.04	0.04
Resolution (bar)	.0001	0.01mb	.0001	0.001	0.001	0.001

Units	0.2bar: mbar, PSI, kPa, kg/cm2, cmWg / Vac, 2, 5, 10 & 20bar: bar, PSI, kPa, kg/cm2, cmWg.
Maximum Line Pressure	10bar for 0.2, 2, 5bar versions / 12bar for 10bar version / 28bar for 20bar version
Sensor	Piezo-resistive - stainless steel diaphragm
Over Pressure Warning	1.2 x range full scale - audio and visual (on LCD) warning
Fittings	Quick Release
Rear Connections	Quick Release
Interface	RS-232 for readback (using EasyCal on 7051 or separate PC if ordered)
Module Width	129mm (primary or secondary console fitting)

ORDERING INFORMATION

7062 **Regulated Pressure Calibrator Module** (+ pressure range code shown below)

Range (bar)	Vacuum	0.2	2	5	10	20
Option Code	7111	7100	7101	7102	7103	7104

ECFLA EasyCal Calibration Software. See separate datasheet for further information.

C178 Factory Calibration Certificate (NPL traceable)

C190 UKAS Calibration Certificate (ISO 17025)

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