

### Traqc-7 P Pressure Calibrator

- ✓ **Pressure measurement**
- ✓ **Multiple sensors**
- ✓ **Barometric reference Sensor**
- ✓ **Li-Ion battery**
- ✓ **Signal Measurement**
- ✓ **Loop calibration,**
- ✓ **Rugged & shockproof**
- ✓ **High accuracy,  $\pm 0.02\%$**
- ✓ **Easy to use in field**
- ✓ **Software**

The Traqc-7 P is the best solution for each pressure calibration job with an accuracy of 0.02%. The option for a second pressure sensor offers you the flexibility to accurately measure a wide range of pressures with the same instrument. You can choose the most suitable range, specifically for these critical measurements or a wider range for the general tasks. The option for a PCB mounted barometric reference sensor increases this flexibility even more.

The ease of use having a combination of different pressure sensors available in one instrument does not need any further explanation. The Traqc-7 P will make it easier,

The Traqc-7 P allows you to power your transmitters and measure the common mA or V output signals precisely using a high capacity Lithium Ion battery. In addition to this, this instrument offers you the required functionality for loop testing. An intelligent switch test function completes it all. You only need to connect the Traqc-7 P once and you're ready to calibrate your transmitter and loop in a fast and easy way.

The large memory allows you to store your calibration procedures and results. At the end of the day, you load your data into AutoCal® Tradinco's powerful calibration management software with only one mouse click. All results are stored, errorless and organised.

Complete pneumatic or hydraulic calibration kits are available with hand pumps and connection sets to complete your calibration requirements.



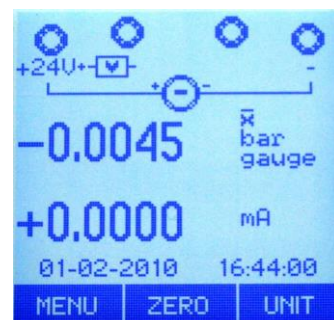
Tradinco Instruments distributes, designs, manufactures and repairs calibration, sensing equipment and instruments for various industries.

Our core values are quality, service and keeping our knowledge up to date with the latest technical innovations.



## Technical Specifications

Accuracy	: $\pm 0.02\%$ F.S. ( $\pm 0.04\%$ F.S. for ranges $\leq 400$ mbar and $\geq 250$ bar).
Operating temperature	: between 5 and 45°C. All stated accuracies include linearity, hysteresis and repeatability.
1 <sup>e</sup> and 2 <sup>e</sup> Sensor Ranges	: Ranges: 0 to 25, 40, 60, 160, 250, 400, 600 and 1000 mbarg -1 to 0 barg, -1 or 0 to 0.6, 1, 1.6, 4, 6, 10, 16, 20, 25 barg 0 to 0.6, 1, 1.1, 1.6, 2.5, 4, 6, 10, 16 and 20, 25, 40, 60, 100, 160, 250, 400, 600, 1000 bar gauge or absolute.
Barometer	: Range : 850 to 1150 mbara (barometric reference only) <sup>Option</sup>
Connections	: Pressure: 1/4"npt female, Electric: 4mm
Power/operation	: Internal 2200 mAh Li-Ion battery > 12 hours on internal Li-Ion battery, depends upon operating mode.
Housing	: IP54
Dimensions and weight	: 220 x 100 x 50 mm (l x w x h), approx. 1,2 kg
Display	: 2-colour LCD, 70 x 70 mm, 128 x 128 pixels, with backlight
Resolution	: 4, 5 or 6 digits
Interface	: RS232 Interface, lemo connector
Menu language	: NL, GB, FR, D
Electric	: Loop supply for externally powered transmitters 4mm 250 Ohm resistance for HART® transmitters
DC measurement	: 0 – 30 V, 0.02% R+ 0.01 FS, 0 – 24 mA, 0.02% R+ 0.01 FS.
DC generation	: 0 – 11 V, 0.02% R+ 0.01 FS, 0 – 24 mA, 0.025% R+ 0.01 FS.
Transmitter supply	: 21V
Certification	: CE-certified, calibration certificates.
Data storage	: Large internal memory 2MB, suitable for storage of 32 calibration procedures and calibration results. Suitable for up- and downloading in combination with AutoCal®
Standard scope of supply	: Traqc-7 P, in a robust rugged blue carrying case, 2 electrical test leads, 110–230VAC charger, operating manual and calibration certificates for pressure and electric signals.
Options	: 2e Pressure range. Barometric reference sensor : 850 to 1150 mbara, 0.02% FS. 230VAC mains adaptor, 230VAC mains adaptor with RS232 interface Connection. RS232 cable, soft canvas carrying case with shoulder strap. Low pressure connection set max. 10 barg. High pressure connection set 10 – 400 barg. Pressure relief valve (only recommended for ranges up to 10 barg). Switch test functions for high voltage (230V). Pneumatic and Hydraulic calibration kits. Accredited calibration certificate for pressure and electrical signals, Traceable to international standards, AutoCal® calibration management software.



For other related instruments in the Traqc-family, we refer to the datasheets: Traqc-3, Traqc-7 PC, Traqc-8, Traqc-9 P, Traqc-9 C series and Traqc-20 series.