

Traqc-7 PC Pressure Calibrator

- ✓ **Pressure Measurement**
- ✓ **Barometric reference Sensor**
- ✓ **Pressure generation with Integrated hand pump**
- ✓ **Li-Ion battery**
- ✓ **Signal Measurement**
- ✓ **Loop calibration,**
- ✓ **all-in-one instrument**
- ✓ **Rugged & shockproof**
- ✓ **High accuracy, $\pm 0.02\%$**
- ✓ **Easy to use in field**



The Traqc-7 PC offers you the best solution for each job with a wide choice of almost every required pressure range up to 20 barg with an accuracy of 0.02%. You can choose the most suitable range, specifically for these critical measurements or a wider range for the general tasks. The option for a barometric reference sensor increases this functionality even more.

The ease of use having a combination of pressure measurement and pressure generation in one instrument does not need any further explanation. The Traqc-7 PC will make it easier, you know that you have a complete instrument, ready for use!

The Traqc-7 PC 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 PC 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. The calibration data is load into AutoCal® Tradinco's powerful calibration management software with only one mouse click. All results are stored, errorless and organised.

On the large and clear display, you navigate and select the functionality and settings you require with only 3 function keys and 4 navigation keys

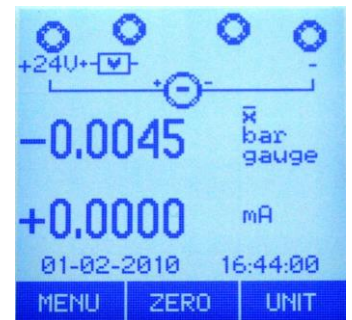
Tradinco Instruments distributes, designs, manufactures and repairs calibration, sensing equipment and instruments for various industries.

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 ≤ 400 mbar).
Operating temperature	: between 5 and 45°C. All stated accuracies include linearity, hysteresis and repeatability.
Sensor Range	: Ranges: 0 to 100, 160, 250, 400, 600 and 1000 mbarg 0 to -1 barg, 1100 mbara, 10 bara, 0 or -1 to 1, 1.6, 2.5, 4, 6, 10, 16 and 20 barg (others on request).
Barometer	: Range : 850 to 1150 mbara (barometric reference only) ^{Option}
Generation and control	: Pressure generation with integrated hand pump, control resolution 0.01 mbar Range -700 mbar to 10 or 20 barg, complete with volume regulator and vent valve
Connections	: Pressure: ¼"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	: 240 x 100 x 50 mm (l x w x h), approx. 1,3 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 PC, 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	: 230VAC mains adaptor, 230VAC mains adaptor with RS232 interface. connection, RS232 cable, soft canvas carrying case with shoulder strap. Barometric reference sensor : 750 to 1150 mbara, 0,02% FS. Low pressure connection set max. 10 barg. High pressure connection set 10 – 400 barg. Pressure relief valve (only recommended for ranges up 10 barg). Switch test functions for high voltage (230V). 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 P, Traqc-8, Traqc-9 P, Traqc-9 C series and Traqc-20 series.