

Datasheet Traqc-7 P

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



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 Traqc-7 measures the mA with or without 20V power or V output signals precisely using a high-capacity Lithium-Ion battery. Also, a loop testing functionality is available. A switch test function completes it all. The large memory allows you to store your calibration procedures and results.

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.

About Tradinco Instruments

Tradinco Instruments provides the best solution for every test, measurement and calibration challenge in the industry.

Our brand promises:

- ✓ Skilled specialists
- ✓ Customer focus
- ✓ Broad portfolio
- ✓ Long-term partnership

Technical specifications

Accuracy	± 0.02% F.S. (± 0,04% F.S. for ranges ≤ 400 mbar and ≥ 250 bar)
Operating temperature	between 5 and 45°C
1st and 2nd 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) Option
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	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

Optional accessories

Second 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 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



Specifications of the product may be changed without notice