

Traqc-7 PC

On the right TRAQC with the new unique pressure calibrator



The Traqc-7 PC will make your job easier!

- ✓ All functionality in one compact and robust instrument
- ✓ Pressure generation from 0 to 10 bar in 10 seconds
- ✓ Clear and large display with all required information

The Traqc-7 PC, a calibrator you can rely on!

- ✓ Developed by calibration engineers for calibration engineers
- ✓ Incorporating 50 years of know-how and experience
- ✓ Proven reputation

The Traqc-7 PC, easy and fast to use!

- ✓ Only 3 function keys and 4 navigation keys
- ✓ Ergonomic integrated handpump
- ✓ Straight forward and logic menu structure

The Traqc-7 PC, do precisely what you require!

- ✓ 0.02% FS
- ✓ Pressure measurement, generation, signal measurement and loop calibration
- ✓ Vacuum and pressure up to 20 barg

The Traqc-7 PC is fully developed by Tradinco Instruments, in close co-operation with our customers. In this new standard for the industry, our knowledge, know how and nearly 50 years experience are combined. Our development engineers are, apart from being mechanical, electronic or software engineers, calibration specialists. They have been out there in the field and know what it is all about. Your instrument must be 100% reliable, the quality must be excellent, you even do not need to read the manual to use it and it must be rugged and robust. You want it to be there, capable of what it is intended to be used for, nothing less and nothing more!

On the right TRAQC with the Tradinco Quality Calibrator, Quality you can rely on!

TRAdinco **Q**uality **C**alibrator

Benefits

- ✓ High accuracy pressure measurement
De Traqc-7 PC offers you the best solution for each job with the 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 choice is always there
- ✓ Vacuum and pressure with the integrated handpump
The ease of use having a combination of pressure measurement and pressure generation in one instrument does not need any further explanation. Current jobs are already very demanding and complex. The Traqc-7 PC will make it easier, you know that you have a complete instrument, ready for use!
- ✓ Measurement and generation of Electrical signals
The Traqc-7 PC allows you to power your transmitters and measure the common mA or V output signals precisely. 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
- ✓ Data- and calibration procedures
Reduction of errors and a high reliability of your measurement records, significantly influences the quality and reliability of your job, your product, your company and the perception of how your customers see your product and company. The Traqc-7 PC contributes to this in many ways. 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. Easy for reviewing, supportive to your (predictive) maintenance strategy and internal or external audits.
- ✓ Straight forward operations
Use it without the need for a manual. One of the major goals when developing the Traqc-7 PC was to have the logically structured menu. 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. No question marks when using the Traqc-7 PC. You will use the instrument with great confidence.

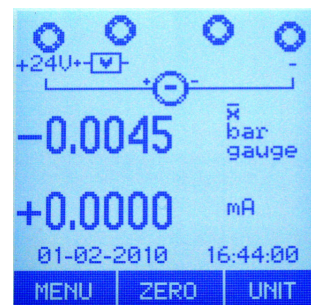


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Specifications

General

Display	: 2-colour LCD, 70 x 70 mm, 128 x 128 pixels, with backlight
Resolution	: 4, 5 of 6 digits
Weight	: 1,3 kg
Dimensions	: 240 x 100 x 50 mm
Housing	: IP54
Power/operation	: > 12 hours on 3 standard AA type batteries
Operating temp.	: 5 - 45 °C
Certification	: CE
Interface	: RS232 Interface, lemo connector
Menu language	: NL, GB, FR, D
Connections	: Pressure - 1/4nptf Electric: 4mm
Loop supply for external powered transmitters	
250 Ohm resistance for HART® transmitters	



Measurement

Pressure, integrated sensor, accuracy 0.02% FS
 Ranges (others on request): 0- 100, 160, 250, 400, 600, 1000 mbarg, 0 to -1 barg, 1100 mbara, 10 bara, 0 or -1 to 1, 1.6, 2.5, 4, 6, 10, 16, 20 barg
 DC Volt measurement, 0 – 30 V, 0.05% R.
 DC Ampere measurement, 0 – 24 mA, 0.05% R.
 Switch test (powerless or with adapter* powered, up to 230VAC switches)

Generation and control

Pressure generation with integrated hand pump, control resolution 0.01 mbarg
 Range 1, -1 to 10 barg, complete with volume regulator and vent valve
 Range 2, -1 to 20 barg, complete with volume regulator and vent valve
 mA DC, loop calibration functionality, 0.05% R., 0 –24 mA

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 carrying case
 3x AA batteries, 2 test leads, manual
 Traceable calibration certificates (pressure and electric signals)

Options & Accessories

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)
 Accredited calibration certificate for pressure and electrical signals, traceable to international standards
 *Adaptor for powered pressure switches (max. 230 VAC)
 AutoCal® calibration management software



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Company

Since its foundation in 1963, **Tradinco Instruments** designs, manufactures, distributes, repairs and calibrates high quality test and calibration equipment for industry and laboratories. Tradinco has also developed AutoCal® calibration software. The company is internationally recognized as **The Calibration Company**. Each member of the Tradinco team is committed to the pursuit of quality and customer satisfaction for both products and service. Backed-up with ISO 9001-2000 and EN17025 certification, customers can be assured that Tradinco will manufacture and supply a high quality product on time.

Products

Keeping our knowledge up to date with the latest technological innovations and translating this into the best solution for our customers, is a very important part of our business. Tradinco supplies a wide range of portable and bench mounted equipment for pressure, electrical and temperature applications. From single handheld indicators up to full automatic customized instruments. In order to offer our customers the best solution to their requirements and the ease of one-stop shopping, we represent all well reputed manufacturers on the market.

Workshop systems

In addition to supplying test and calibration equipment for portable and bench-top use, Tradinco has developed a specialist capability in modular calibration systems. Custom-engineered, these workstations include both furniture and calibration equipment. Any workshop will directly benefit from these workstation solutions. Efficiency will increase and cost will decrease when the required job can be performed in an ideal working environment. Tradinco systems are in service worldwide, ranging from the hostile environment of the offshore oil and gas industry in the North Sea to desalination plants in the Middle East, to breweries and power generation plants in the Far East.

AutoCal® software

AutoCal® is a powerful management tool for those responsible that devices are calibrated in line with today's quality guidelines, environmental standards, systems validation and safety guidelines. It is a software package, designed to make the management and execution of calibration and certification of measuring devices fast, simple and error free. This unique software package has been developed 'by Calibrators for Calibrators'. Manual, semi- and full automatic calibrations in combination with either Tradinco calibrators or third party calibrators, running multiple calibrations simultaneously will result in significant saving of time and costs. Managing the results, history trending and recalibration overviews it will offer customers a multifunction calibration and predictive maintenance tool, improving their overall calibration performance in many ways

Training courses

With nearly 50 years experience, Tradinco offers its full skill know-how, allowing customers to improve their operations. The Tradinco Academy organizes custom-made training courses on theory and background on calibration, correct use of instruments, calibration management, deadweight testers, pressure and safety, etc. Comprehensive course books are provided and all successful attendants will receive a certificate. The training course can be held at our training centre or at your location.

Services and support

Tradinco understands the need to provide pro-active responsive service facilities. The equipment and systems, due to their nature and possibly local and company regulations, will at sometime require recalibration maintenance and repair. Tradinco has extensive experience in the maintenance, repair and recalibration of all types of equipment, including third-party instruments, and offers customers Total Solution Service agreements. These services can be performed in our internationally accredited service centre. Tradinco, in short, offers the market total system maintenance, installation, commissioning, training and refurbishment of systems, either at our service centre or at your location, wherever you are located.

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