

Datasheet Traqc-700

- ✓ Easy to use 19" cabinet for PACE5000
- ✓ Plug and play installation
- ✓ Ensure safe operation
- ✓ Very easy to use
- ✓ For fixed installation or desktop use



Introduction

When you buy a PACE5000 pressure controller, you will still need to add components to get to a safe and good functioning operating setup. Think of reducers, dirt/moisture traps etc. The Traqc-700 contains all of that in a single 19" housing, so you have a simple, safe and easy to use setup.

Applications

- Calibration laboratories
- Leak testing
- End of line production testing
- And many more

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
- ✓ Long-term partnership



Specifications

Connections and interfaces	
Pressure supply	Supply pressure can be any positive pressure between 0 and 400 bar. Supply pressure must slightly exceed the measurement range of the installed pressure controller to enable use of the full control range. Built-in pressure reducers will ensure proper operation of your PACE controller without risk to over pressurize. For measurement ranges below 1 bar, the reducer will be a bleeding type. Please indicate your specific supply pressure range upon order.
Vacuum	Vacuum supply can be any pressure below ambient.
Media	Clean dry air or nitrogen.
Power supply	90 V AC to 130 V AC @ 47 Hz to 63 Hz & 180V AC to 260 V AC @ 47 Hz to 63 Hz. Universal input via IEC320 C14 connector. Supply is connected to PACE via an on/off switches.
Power supply to external (pump) unit.	Mains power supply for external (pump) device available, controlled with on/off switch.
Mechanical gauge	The mechanical pressure gauge indicates supply pressure. System pressure can be seen even when pace is switched off.
Data connection	Data-ports are easily accessible via rear panel <ul style="list-style-type: none"> - SUB-D 9 pins for RS 232 - RJ45 for ethernet - USB (standard B) - Cable gland
PACE 5000 pressure controllers	
	PACE pressure controllers offer best in class pressure control functionality for any application. The Traqc-700 is suitable for use with any PACE 5000 pressure controller with a CM0, CM1, CM2 or CM3 pressure control module, with or without barometric reference option installed. See PACE datasheet for more details.
Measurement ranges CM0,1&2 (gauge pressure ref)	25, 70, 200, 350, 700 mbar 1, 2, 3.5, 7, 10, 20, 35, 70, 100, 135, 172, 210 bar All gauge versions available with negative calibration as standard. For absolute pressure ranges select any range of 1 bar and above and add barometric option.
Measurement ranges CM0,1&2 (absolute pressure ref)	2, 3.5, 8, 11, 21, 36, 71, 101, 136, 173 and 211 bar 1,2.5,7,10,20,35 and 70, 100, 135, 172, 210 bar pseudo gauge (only in combination with barometric option)
Mechanical	
Dimensions (L x W x H)	506 x 392 x 216 mm (allow some extra space to connect hoses and cables)
Weight	Approx 19 kg (ex. PACE5000)
Pressure supply port	1/8" NPT female
Vacuum supply port	1/8" NPT female
Test port1 (front)	1/8" NPT female
Test Port 2 / ref port (front)	1/8" NPT female
Test port 3 (rear)	1/8" NPT female
Vent port	Rack internal via muffler
Certifications / approvals / documentation	
Low voltage	2014/35/EU EN 61010-1:2010
Electrical safety	NEN 3140
Documentation	User manual, certificate of conformity, leak test certificate & calibration certificate only if ordered with a PACE pressure controller.
Other	
Pressure ports are all 1/8"NPT by default. We can install customer specific connectors on request. Common types are: Minimess, Swagelok QC-4 or VCR,	

Order information

Model code configuration					
Traqc-700 -	HS - LS -	HP - LP - VLP -	DSI - 0 -	DSE - 0 -	19" Desktop rack for PACE5000 Supply pressure > 10 bar Supply pressure ≤ 10 bar Test pressure range > 10 bar Test pressure range ≤ 10 bar Test pressure ≤ 700 mbar Built-in dirt / moisture separator Without dirt / moisture separator External dirt/moisture separator (connected to + supply) No external dirt separator State supply pressure (range) State test pressure range
Example order code					
Traqc-700 -	HS -	LP -	DSI -	0	200..50 bar supply pressure -1..10 bar test pressure / CM1
This configuration will result in a Traqc-700 suitable for use with high pressure supply (typical gas bottle) with a 10 bar CM1 control module and internal dirt separator on the test connection.					
Fill out your order code here*					
Traqc-700 -					
* When ordering with a PACE controller, please supply order codes for PACE software options & CM module code as well, they can be found on the PACE datasheet.					