

## Datasheet Traqc-20 LPC

- ✓ Very low-pressure calibrator
- ✓ High precision
- ✓ Compact size
- ✓ Automatic reset
- ✓ Robust
- ✓ Very low-pressure ranges
- ✓ Bi-directional ranges available



The LPC measures and generates pressures and consequently it is more than a mere measuring instrument – it can also be applied as test and calibration instrument for pressure sensors and pressure switches.

Thanks to internal pressure generation no auxiliary tools are required for operation. An internal Li-ion battery is available for mobile operation. Parallel operation of mains and battery supply allows for maximum flexibility.

### 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

## Available models

Model	DPC-1	DPC-10	DPC-100	DPC-1000
Pressure range	0...1 mbar	0...10 mbar	0...100 mbar	0...1000 mbar

  

Model	DPCB-1	DPCB-10	DPCB-100	DPCB-1000
Pressure range	-1...1 mbar	-10...10 mbar	-100...100 mbar	-1000...1000 mbar

## Technical specifications

<b>Measurement</b>	
Type of pressure	Positive or negative gauge pressure or differential pressure
Pressure units	Pa, kPa, hPa, bar, mbar, psi, inH2O, inHg, mmHg, Torr, mmH2O
Accuracy	0,3%FS for DPC-1 and DPCB-1, 0,1%FS for other models
Adjustment accuracy	0.05 %
Long-term stability	< +/- 0.1% FS/year
Temperature drift	≤ 0.03 % FS/K 0.0 % with automatic of manual zero-point adjustment
Usable pressure range	- 10 - 110 % for DBC Models
Zero balance	Automatic: in adjustable time intervals Manual: ZERO button
<b>Housing</b>	
Instruments version	desktop instrument with carry handle
Dimensions	102.6 x 257 x 271 mm without carry handle
Weight	4.5 kg
Ingress protection	IP20
Pressure generation	internal, electric pump
<b>Display</b>	
Screen	Graphic display
Resolution	5 digits
Keyboard	membrane keypad
Menu language	German, English, Spanish and French
<b>Connections</b>	
Pressure connections	6.6 x 11 (hose diameter, D = 6 mm)
<b>Voltage supply</b>	
Power supply	DC 24 V, 1 A
Battery type	Li-Ion
Battery life	approx. 8 h
<b>Permissible ambient conditons</b>	
Media	Ambient air
Operating temperature	10 ... 40 °C
Storage temperature	-10 ... 70 °C
Relative humidity	< 90 % RH (non-condensing)
<b>Control parameter</b>	
Control steps	0 ... 50 % individually adjustable or 100
Setting time	< 5 S (dependent upon test volume)
Generation volume	1.2 l/min
<b>Communication</b>	
Interface	RS-232 and USB
Response time	1 value/s

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## Approvals and certificates

<b>CE conformity</b>	
EMD directive	2014/30/EU EN 61326-1:2013 EN 61000-3-2:2014 EN 61000-3-3:2013
Low voltage directive	2014/35/EU
RoHS directive	2011/65/EU
<b>Certificate</b>	
Calibration	DAKS calibration certificate, 10 points

*Specifications of the product may be changed without notice*

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