

Traqc-20 Low Pressure Calibrator

- ✓ **Very Low Pressure Calibrator**
- ✓ **High precision**
- ✓ **Compact size**
- ✓ **Automatic reset**
- ✓ **Robust**
- ✓ **Very low pressure 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.

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.

Specifications

Available models				
Pressure range	1 mbar	10 mbar	100 mbar	1000 mbar
Accuracy	0.3 % FS	0.1 % FS	0.1 % FS	0.1 % FS

Base instruments	
Measurement	
Type of pressure	Positive or negative gauge pressure or differential pressure
Pressure units	Pa, kPa, hPa, bar, mbar, psi, inH2O, inHg, mmHg, Torr, mmH2O
Adjustment accuracy	0.05 %
Long-term stability	< +/- 0.1% FS/year
Temperature drift	≤ 0.03 % FS/K 0.0 % with automatic or manual zero-point adjustment
Usable pressure range	-10 - 110 %
Zero balance	Automatic: in adjustable time intervals Manual: ZERO button
Housing	
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
Display	
Screen	Graphic display
Resolution	5 digits
Keyboard	membrane keypad
Menu language	German, English, Spanish and French
Connections	
Pressure connections	6.6 x 11 (hose diameter, D = 6 mm)
Voltage supply	
Power supply	DC 24 V, 1 A
Battery type	Li-Ion
Battery life	approx. 8 h
Permissible ambient conditons	
Media	Ambient air
Operating temperature	10 ... 40 °C
Storage temperature	-10 ... 70 °C

Base instruments	
Relative humidity	< 90 % RH (non-condensing)
Control parameter	
Control steps	0 ... 50 % individually adjustable or 100
Setting time	< 5 S (dependent upon test volume)
Generation volume	1.2 l/min
Communication	
Interface	RS-232 and USB
Response time	1 value/s

Approvals and certificates	
CE conformity	
EMC 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
Certificate	
Calibration	DAKS calibraton certificate, 10 points