

Elektronische Pressure Controller and Calibrator**LR-Cal LCC 200 - Accuracy up to $\pm 0.05\%$ FS****• sources and measures****small pressure and vacuum****• Pressure ranges 1 mbar / 10 mbar / 100 mbar /****1000 mbar available**

(Vacuum sourcing max. -600 mbar)

• Uncertainty up to 0.05% FS**• Adjustment accuracy 0.01% FS****• Chargeable Li-ion battery****• Simple operation via Touch screen**The **LR-Cal LCC 200** measures and sources pressure and vacuum

and can be used as reference pressure instrument as well as calibrator for

pressure reading instruments like pressure gauges, pressure transmitters, pressure switches

etc. Thanks to internal pressure/vacuum generation no auxiliary tools are required for operation.

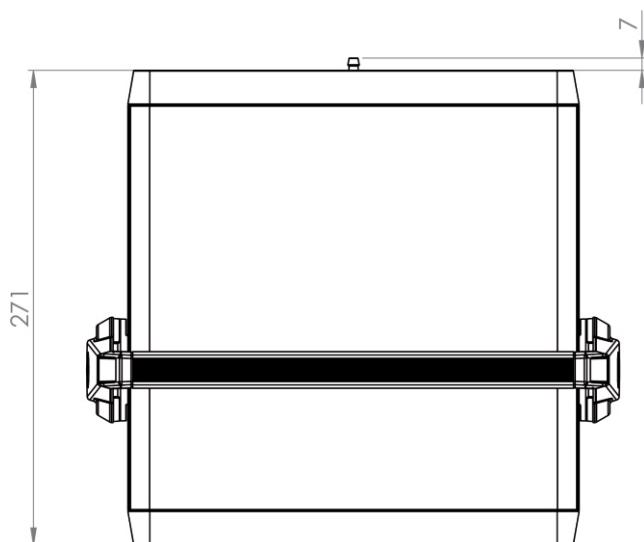
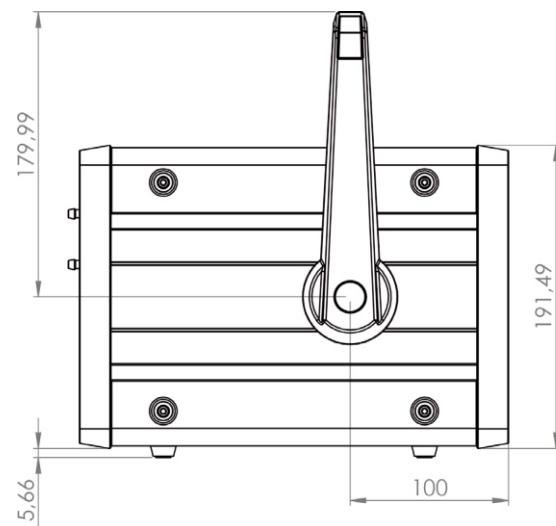
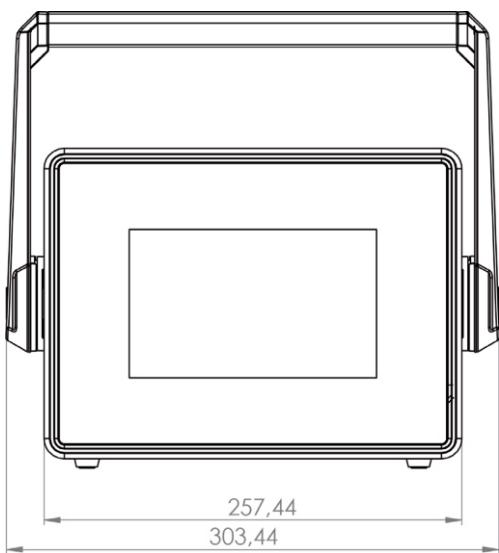
An internal Li-Ion battery (chargeable) makes mobile operation very easy. Parallel operation of mains and battery supply allows for maximum flexibility.

Model	LR-Cal LCC 200-1	LR-Cal LCC 200-10	LR-Cal LCC 200-100	LR-Cal LCC 200-1000
Order-Code	LCC-200-1	LCC-200-10	LCC-200-100	LCC-200-1000
Pressure range [hPa = mbar]	-1...+1	-10...+10	-100...+100	-1000...+1000 *)
Uncertainty of meas. [$\pm\%$ v.E. ± 1 Digit]	0.15	0.05	0.05	0.05
Linearity [$\pm\%$ v.E. ± 1 Digit]	0.1	0.05	0.05	0.05
Hysteresis [%v.E., max.]	0.05	0.05	0.05	0.05
Meas. Principle	inductive	inductive	inductive	inductive
Overload limit [bar]	For delta p measurements max. system pressure 2			
Temperature drift (pressure meas.) [%v.E. / K]	Zero point: 0.03 / K (0 via ZEROing)			
ZEROing	Automatic (adjustable intervals); Manual			
Long time stability [%v.E.]	0.1 per year (typically)			
Adjustment time [s]	<5, depending on volume			
Adjustment accuracy [%]	0.01			
Suitable media	Air, non-aggressive and non-corrosive gases			
Operating modes	CTLR (controlling pressure), MESS (meas. Pressure) Remote-controlled operation via interface			
Option	AUTO (individually definable pressure profile)			
Display	TFT Touch, 7", colour			
Display resolution	10,000 points			
Working temp.	+10°C...+40°C			
Storage temp.	-10°C...+70°C			
Interface	USB			
Supply	Li-Ion chargeable battery 24 VDC / 1 A			
Battery working time [h]	approx. 8			
Battery charging time [h]	max. 4			
Pressure ports [mm]	6.6 x 11 (for hose with 6 mm inner diameter)			
Case [mm]	H 191,6 x W 257 x D 271 (without handle)			
Weight [kg]	approx. 5.1 (without mains charger)			

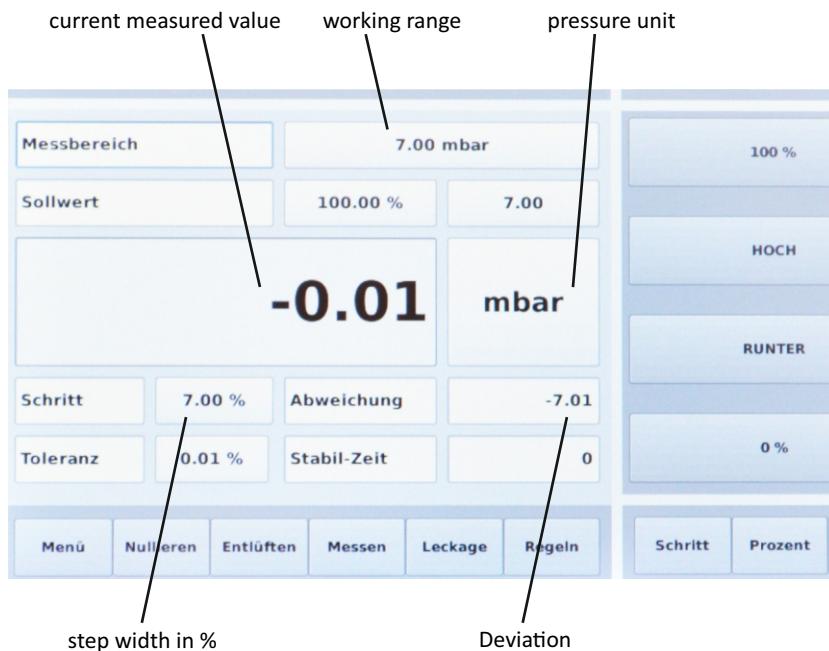
*) Measures vacuum up to -1000 mbar. Sources vacuum up to -600 mbar. If higher vacuum ranges are required, we suggest our manual vacuum test pump **LR-Cal 2941**.**Fields of application:**

Mobile and stationary calibration. Mobile and stationary pressure/vacuum measurement. Test automation in test rigs. Leak tests.

Dimensions



Main screen



Menu-driven operation via touch-screen. Very easy without studying voluminous manuals.

A suitable mains adapter for powering and charging is included in standard delivery.

Optional Accessories:

- Transit case
Order Code: **LCC-200-KOFFER**
- Spare mains adapter
Order Code: **LCC-200-NT**
- Factory Certificate of Calibration 10 points
Order Code: **LCC-200-KAL-10**
- DaKks/DKD certificate of calibration
Order-Code: **LCC-200-KAL-DKD**