

Pressure and Documenting Calibrator

Portable - high precision pressure calibration - up to 10 changeable reference sensors

The electronic pressure and process documentation calibrator LR-Cal LPC 300 from Leitenberger, Germany is used for high precision calibration of pressure instruments, e.g. pressure gauges, pressure transmitter, digital manometer, pressure switches, overpressure protection valves, etc. - up to 6000 bar.

The LR-Cal LPC 300 is a very user-friendly, accurate and compact solution for pressure comparison calibrations. The built-in reference sensor LR-Cal LPC-S is changeable; several pressure ranges can be covered with one LR-Cal LPC 300 unit (up to 10).



All standard pressure ranges between 0...250 mbar and 0...1000 bar are available as well as vacuum and absolute pressure ranges in accuracy $\pm 0.025\%$ FS. Ranges up to 6000 bar are available with accuracy $\pm 0.1\%$ FS.

The electronic pressure calibrator LR-Cal LPC 300 measures pressure, volts and milliamps and supplies 24 VDC as source for transmitter. Calibration procedures can be pre-defined and used for calibrations on site. The LR-Cal LPC 300 is featured with USB- and RS232-interfaces and is powered by a chargeable Lithium-Ion battery pack (no "memory effect").



Product Features:

- Accurate, high resolution, compact, rigid
- Pressure ranges from 0...250 mbar to 0...6000 bar, vacuum, compound, absolute pressure
- Up to 10 changeable reference pressure sensors **LR-Cal LPC-S**
- All standard pressure units (plus one self-definable)
- Conversion pressure to volt/milliamps and vice versa
- Calibration data storage (plus time stamp from integrated real time clock)
- Pressure switch test function
- Large, illuminated colour display, menu driven operation
- Lithium-Ion battery powered. power supply 24 VDC output for pressure transmitters
- USB- and RS232-interface
- Calibration certificate, traceable to national standard

[more information LPC300](#)