

LPG 300

LPG 300 is an automatic controller for low pressures and very low pressures. It is a self-contained pressure controller thanks to its internal rechargeable Li-ion battery (autonomy approx. 8 h), also can be connected to the mains. LPG 300 is an ideal equipment for calibration, test and verification of all instruments of low or very low pressure or vacuum.

APPLICATIONS

Use in-situ or in laboratories
Calibration or negative or positive
tests or vacuum

HIGHLIGHTS

Pressure ranges 1 ... 1000 hPa Accuracy up to 0.1% FS Internal batteries (8h of autonomy) Intuitive handling



Technical data					
Pressure range	hPa	1	10	100	1000
Accuracy	%FS	0,3	0,1	0,1	0,1
Linearity	%FS	0,2	0,1	0,1	0,1
Uncertainty	%FS	0,3	0,1	0,1	0,1
Overpressure	5 times				
Pressure units	Mbar, Pa, kPa, hPa, bar, psi, in $\mathrm{H_2O}$, mmHg, Torr				
King of pressure	Through internal electric pump, differential, positive or negative pressure and overpressure				
Measuring principle	Inductive				
measuring principle	maactiv	C			









Technical data

Internal reference sensor temperature drift Ground Zero: 0.03% f.s./k (0% through balance Zero)

Time: 0.03% f.s./k

Balance Zero, programmable mode Automatic (at adjustable intervals)

Manual (button Zero)

Stability long time internal sensor reference 0,1% f.s. per year (typical)

Work temperature range +10 °C ... +40 °C

-10 °C ... 70 °C Storage temperature range

Usable pressure measurement range -10 ... 110%

Tiempo de ajuste Depending on the volume <5s

Media measurement Air, not aggressive or corrosive gases

Operating modes CTRL (pressure controller)

MESS (pressure measurement)

AUTO (definable pressure profile individually) Operation remote control (via interfaces)

Display Graphical display (blue / white)

Resolution 10000 points

Interfaces USB - RS232 (opctonal)

Power supply 24 VDC/ 1a

Pressure connection 6,6 x 11 mm (for flexible hoses D= 6 mm)

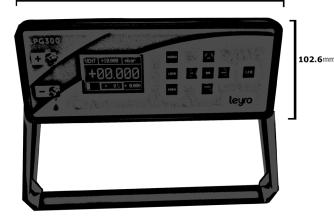
Housing 102,6 x 257 x 271 mm (H x B x T) without handle

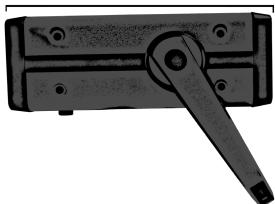
Accesories Device supply, briefcase and hoses

Options

Certified calibration 3.1 points. Certified calibration ENAC 5 points. Carrying case.

257mm





271 mm



