

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, inH ₂ O, mmHg, Torr			
King of pressure		Through internal electric pump, differential, positive or negative pressure and overpressure			
Measuring principle		Inductive			



Technical data

Internal reference sensor temperature drift	Ground Zero: 0.03% f.v./k (0% through balance Zero) Time: 0.03% f.v./k
Balance Zero, programmable mode	Automatic (at adjustable intervals) Manual (button Zero)
Stability long time internal sensor reference	0,1% f.v. per year (typical)
Work temperature range	+10 °C ... +40 °C
Storage temperature range	-10 °C ... 70 °C
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 (optional)
Power supply	24 BDC/ 1 ^a
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.

