

# 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 <sub>2</sub> O, mmHg, Torr				
King of pressure	Through internal electric pump, differential, positive or negative pressure and overpressure				
Measuring principle	Inductive				



## Technical data

<b>Internal reference sensor temperature drift</b>	Ground Zero: 0.03% f.s./k (0% through balance Zero) Time: 0.03% f.s./k
<b>Balance Zero, programmable mode</b>	Automatic (at adjustable intervals) Manual (button Zero)
<b>Stability long time internal sensor reference</b>	0,1% f.s. per year (typical)
<b>Work temperature range</b>	+10 °C ... +40 °C
<b>Storage temperature range</b>	-10 °C ... 70 °C
<b>Usable pressure measurement range</b>	-10 ... 110%
<b>Tiempo de ajuste</b>	Depending on the volume <5s
<b>Media measurement</b>	Air, not aggressive or corrosive gases
<b>Operating modes</b>	CTRL (pressure controller) MESS (pressure measurement) AUTO (definable pressure profile individually) Operation remote control (via interfaces)
<b>Display</b>	Graphical display (blue / white)
<b>Resolution</b>	10000 points
<b>Interfaces</b>	USB – RS232 (optional)
<b>Power supply</b>	24 VDC/ 1 <sup>a</sup>
<b>Pressure connection</b>	6,6 x 11 mm (for flexible hoses D= 6 mm)
<b>Housing</b>	102,6 x 257 x 271 mm (H x B x T) without handle
<b>Accessories</b>	Device supply, briefcase and hoses

## Options

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

