



### General characteristics

Display the curve of the atmospheric pressure and of the temperature inside the box.

The pressure scale is from 300 to 1100 mbars and the time scale is from 4hours to 4 days.

The pressure is recorded every minute.

The data are recorded in a permanent memory for the last 4 days.

The front panel is in aluminium and the built-in box is also in aluminium.

The pressure may be display in mbar, hPA, inHg et mmHg, the temperature may be display in Celcius or Farhenheit.

Use is as easy as possible: a button to switch on/off the display and 2 button to change the time scale.

The dimensions of the front panel are : 170x140mm. The built-in box dimension 152x124x33mm. The display : 120x92mm.

### Alimentations:

The input voltage is 12V and the consomation is 1 mA in the acquisition mode. The consomation is 250mA when the display is swith on.

The data are store in a permanent memory, the alimentation may be stop without loss of the graph.

### Pressure sensor specifications

<b>Paramètre</b>	<b>Conditions</b>	<b>Min</b>	<b>Typ</b>	<b>Max</b>	<b>Unités</b>
Résolution			0.1		mbar ou hPA
Absolute precision	P = 750 ... 1100 mbar Ta = 25°C	-1.5		+1.5	mbar
Relative precision	P = 750 ... 1100 mbar	-0.5		+0.5	mbar
Error with temperature variation	Ta = 0 .. +70°C p = const.	-0.5		+0.5	mbar
Long term stability	12 months		-1		mbar