

Technical data:

Power supply:	4 x 1,5-V mignon cells (included in delivery) or rechargeable cells or external power supply 6 V/500mA, P3120-6N
Display:	LED-Display, 3½-digit, digit height: 26 mm
Rotary knob:	Setting the air pressure
Toggle switch:	ON/OFF
Control LED	
Accuracy:	Measuring error max. $\pm 1,5\%$, normal $\pm 0,5\%$
Olive:	For connecting a measuring hose
2.5 mm DC socket:	For external power supply
Housing:	plastic, ABS
Dimensions:	approx. 160 x 120 x 45 mm
Mass:	approx. 410 g

Recommended accessories:

P3120-6N - Mains transformer 6V/500 mA DC
for the power supply of the mains 230 V~/50 - 60 Hz

Make sure that the device does not fall. If this does happen, have the device properly inspected or repaired by authorized by authorized specialists.

If unexpected problems occur during operation of the device, switch off the device and contact the dealer.

Do not expose the device to dripping or splashing water.

There are no components inside the device that require maintenance by the user.

The repair of the device may only be carried out by an authorized specialist.

The operation of this device is only by qualified persons or by persons instructed persons.

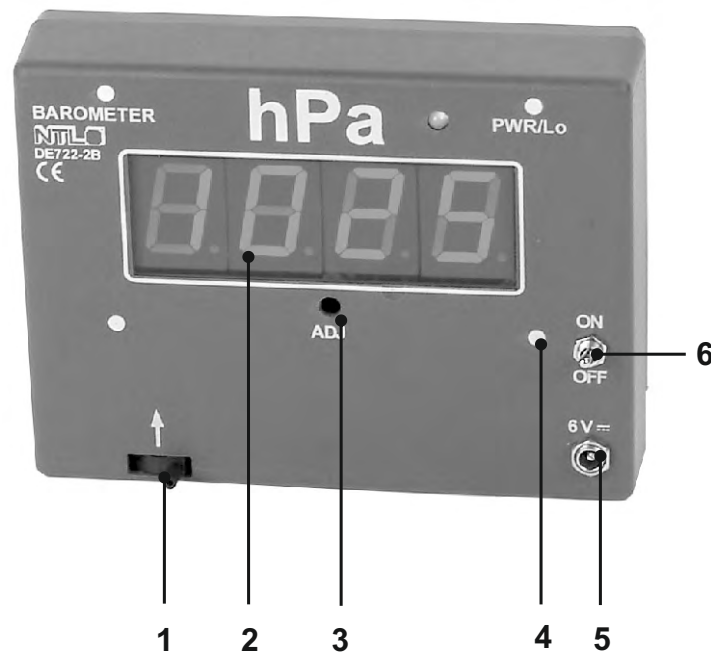
Barometer "inno" (Manometer absolute) DE722-2B

The barometer "inno" is used for measuring gas pressures in demonstration and student experiments.

The sensor input is not suitable for aggressive media! If the pressures of aggressive gases need to be measured, suitable media separation systems must be used!

Furthermore, the measurement of pressures above 2 bar must be avoided. The device is not suitable for measurements on commercial or private compressed air systems!





- 1 Olive for hose connection, overpressure
 - 2 3½-digit LED display, 26 mm high, for measured values
 - 3 Adjustment screw for setting the air pressure
 - 4 Control LED for battery status/power supply
 - 5 2.5 mm input socket for external 6 V power supply
 - 6 ON/OFF switch
- 4 Holding magnets on the rear

Handling:

Before each measurement, the "inno" barometer must be switched on with the toggle switch (6).

The device has an olive (1) for connecting a pressure line.

For pressure measurements in an open space, e.g. external air pressure, no connection of a pressure line is necessary.

The measurement of pressures greater than 2 bar must be avoided!

The total measuring error of the device is max. $\pm 1.5\%$, normally a measuring error of $\pm 0.5\%$ is to be expected. Prerequisite in both cases is the exact absolute adjustment.

This calibration is done with the potentiometer (3). The actual value of the air pressure should be read from a known accurate barometer.

If such a barometer is not available, it is better to refrain from calibration! A single adjustment once a year should be sufficient.

Die Qualität der Batterien bzw. des Netzgerätes wird durch eine 2-Farben-LED (4) angezeigt. Grünes Leuchten bedeutet OK, bei rotem Leuchten sind die Batterien zu tauschen bzw. das Netzgerät zu überprüfen.

The box manometer absolute is supplied by four built-in mignon cells. If most modern cells with about 3 Ah capacity are used, this results in a battery life of about 10 operating hours. If the device is not used for several months, the batteries should be taken out of the instrument to avoid damaging the instrument in case of leakage.

The device can also be operated from a wall power supply. Any device with about 6 V output voltage and a load capacity of at least 400 mA is suitable. Attention: Cheap devices with only 300 mA maximum current may cause problems! The connection is made via the DC cable with 2.5mm-DC -plug at the 2.5mm socket (5). Outer surface is minus, inner tube is plus. Wrong polarity and overvoltage will not harm the device up to ± 25 V. At mechanical connection of the DC connector, the battery is switched off. Defective battery or wrong power supply leads to dark or missing display. As long as the display is bright, it shows correctly. Therefore, there is no "LowBatt" display on this device.

The quality of the batteries or the power supply is indicated by a 2-color LED (4). Green illumination means OK, red illumination means that the batteries must be replaced or the power supply unit must be checked.