



Innovative Instrumentation Solutions  
A unit of E Instruments Group LLC

# Mini P

## Hand-Held Differential Pressure Meter



- Reliable and Accurate
- Easy to Use
- Positive, Negative and Differential Pressure
- Protective Magnetic Rubber Boot on Request
- Min & Max Values
- Unit Selection



The micro manometer model Mini P is a portable, compact digital meter designed for simplicity and one-hand operation.

The micro manometer is equipped with unique features such as a high stability, good repeatability and fast response in order to keep high accuracies of measurements at bad ambients.

The pressure is measured with a piezo-resistive sensor.

The Mini P micro manometer has its own dual display which continuously shows measurements, average, data hold, Max. and Min. values.

USING

- Selection of the language: (with unit switched off) press and hold "OK". Then press "ON/OFF". Press "HOLD" to confirm English and press "SELECT" for French.
- To switch on, press "ON/OFF". Click on "OK" to start the auto zero.
- To modify the unit of measure, press "SELECT". Scroll down the units by pressing "SELECT" and confirm your unit by pressing "OK". Press "ESC" to escape this menu.
- To display the min. and max. values, press "MIN/MAX". To come back to the measure in progress, press "ESC".
- To hold the measure in progress, press "HOLD" once. Press twice to come back to the measure.
- To switch off, press and hold "ON/OFF" for a few seconds.

SPECIFICATIONS

**CONFORMITY** : electromagnetical compatibility (norm NF EN 61326-1)  
**POWER SUPPLY** : 1 Alcaline battery 9 V 6LR6  
**BATTERY LIFE**: about 25h  
**AUTOMATIC SHUT-OFF** : 30 min  
**WORKING ENVIRONMENT**: Neutral gas  
**WORKING TEMPERATURE**: 0 to 122°F  
**STORAGE TEMPERATURE**: 0 to 122°F  
**DIMENSIONS** : 5.7"x3"x1.3"  
**WEIGHT** : 6.7"  
**LANGUAGES AVAILABLE** : French, English.  
**DISPLAY** : 2 lines of 12 characters. Size 1.5"x0.5".  
**HOUSING** : Shock-proof, made of ABS/PC.  
**KEYPAD** : Made of Elastomer : 5 keys.  
**MEASURING ELEMENTS** :  
**Pressure**: piezo-resistive sensor (linearity: 0.25%FS, response time: 500µs, stability (long term): 0.25% mbar) - Overpressure allowed: 250mbar



ORDERING CODE

Mini P PRO: 8222  
 Protective rubber boot: EE880042

	Measuring units	Measuring ranges	Accuracy*	Resolution
<b>Pressure</b>	mmH <sub>2</sub> O, KPa, In Wg, mBar, mmHg	0 to ± 40 InH <sub>2</sub> O	±(2.5% rdg + 0.1 InH <sub>2</sub> O)	0.1 InH <sub>2</sub> O

\* Performed in laboratory conditions, all the above accuracies mentioned in this document will be guaranteed, provided that you use the calibration compensation data or identical calibration conditions.



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