

Manual for manometer nr. 1770.00

13.12.10

Ae 1770.00



Description

The manometers have been designed and built to measure the total pressure in the range 0-200 kPa with an accuracy of +/- 2% and a resolution of 0.1 kPa. The pressure is measured using the hose on the front panel. When connecting a tube to the hose the inner diameter of the tube should measure 5-7 mm (0,20-0,30 in).

Suggested experiments include experiments to verify the Boyle/Mariotte Law of the ideal gasses.

Important:

The manometer should be used only for dry air measuring!

Accessories

6 AA batteries (part. no 3510.05).

Tubes, plastic, transparent, diameter 5/7 mm (part. no 0385.15).

Tubes, plastic, transparent, diameter 6/9 mm (part. no 0385.20).

Syringe, plastic, 20 ml/ 1 ml (part. no 0220.30).

Technical data

Power Supply: 6 AA batteries (part. no 3510.05) or power supply 9-12 V AC/DC.

Accuracy: +/- 2% of max pressure (+/- 4 kPa).

Resolution: 0.1 kPa.

Display: Fixed point scale.