



Set (Boyle-Mariotte) with analog and digital multimeter, absolute pressure sensor

EQ037GJM

Function

Intended for experimental study, chemistry laboratory, physics laboratory, carrying out physics experiments, carrying out chemistry experiments on: Study of gases and their transformations. Isothermal transformation, Boyle-Mariotte law. Boyle, Robert. Mariotte, Edme. What does Boyle and Mariottes law say? Total pressure, absolute pressure. Acquiring data on pressure and volume. Determining the initial volume V_0 of the confined gas sample. Varying the pressure and determining the new volume of the gas sample. Built data table. Constructing the graph of total pressure versus volume. Constructing the graph of total pressure versus the inverse of volume, etc.

Knowledge areas

Physics - Chemistry

Key Experiments

