

# APPARATUS FOR STUDYING THE IDEAL GAS LAW AND THE PRINCIPLE OF THE

**REFERENCE : ET1020**



*Non contractual photo*

**SERVICE : PC-TYPE COMPUTER (NOT SUPPLIED)**

This set consisting of a piston moving in a cylinder without friction allows, with the instrumentation and the acquisition system, to study the ideal gas law and the principle of the engine.

### **Educational Objectives :**

- Study of the law of perfect gases
- Determination of the work done by a heat engine
- Drawing of the cycle of a heat engine

### **Technical specifications :**

- Module studying the law of perfect gases
- Double pressure sensor
- Speed sensor
- 2 sets of masses
- Temperature sensor
- Single Capstone Software
- Sparklink interface
- Optional extension cable