

## WL 103 Expansion of ideal gases

Order code: **5201.06010300**



Information about product price on demand

Parameters

Quantitative unit

ks

### GUNT WL 103

Expansion of Ideal Gases unit allows for the study of gas behavior through precise pressure and temperature measurements.

The system includes transparent components, enabling direct observation of experimental processes.

A key experiment follows the Clément-Desormes method, enabling the determination of the adiabatic exponent of air.

The unit includes GUNT software for control functions and data acquisition via USB connection under Windows 10.

## Technical Data & Specifications

- **Positive Pressure Tank:**
  - Volume: 20.5L
  - Diameter: 0.25m
  - Max. operating pressure: 0.9bar
- **Negative Pressure Tank:**
  - Volume: 11L
  - Diameter: 0.18m
  - Min. operating pressure: -0.6bar

### Measuring Ranges

- **Temperature:** 0...150°C
- **Pressure:** 0...1.6bar (absolute)

### Power Supply

- 230V, 50Hz, 1 phase
- 230V, 60Hz, 1 phase
- 120V, 60Hz, 1 phase
- UL/CSA optional

### Dimensions & Weight

- **LxWxH:** ~670x590x680mm
- **Weight:** ~36kg

### Required for Operation

- PC with Windows