



Glass jacket equipment system

This system consists of a glass jacket, special inserts and accessories. It was mainly developed for experiments with gases and can be used for teaching physics, chemistry and biology.

- Demonstrative and transparent
- Versatile and easily assembled
- Water bath for accurate measurements

Fields of application:

- Working out the laws of gases
- Determination of molar masses
- Determination of combustion enthalpies.

This HANDBOOK can be purchased separately. It contains the experiments listed below. Please ask for a complete equipment list. Ref No 23701



Amontons' law (GL 2)

Handbook • Glass jacket system • No. 01196.12 • 17 described Experiments

GL 1 (12229)

Gay-Lussac's law

GL 2 (12230)

Amontons' law

GL 3 (12231)

The Boyle-Mariotte law

GL 4 (12232)

The gas laws of Boyle-Mariotte, Gay-Lussac and Amontons

GL 5 (12233)

Determination of molar masses by means of vapour density method.

GL6 (12234)

The law of integral volumes

GL 7 (12235)

Gay-Lussac's law of gaseous combustion

GL 8 (12236)

Avogadro's law

GL 9 (12237)

The chemical formula for methane, ethane and propane

GL 10 (12238)

Determination of the heat of formation of water

GL 11 (12239)

Determination of the heat of formation of CO₂ and CO and Hess's law

GL 12 (12240)

Determination of heating value (fuel value) of solid and gaseous fuels in a horizontal calorimeter

GL 13 (12241)

Determination of the calorific value of some foods

GL 14 (12242)

Determination of the heating value (fuel value) of liquids in the vertical calorimeter

GL 15 (12243)

Determination of the fuel value of heating oil and diesel fuel and the calorific value of olive oil

GL 16 (12244)

Chromatographic separation techniques: gas chromatography

GL 17 (12245)

Distillation with steam

