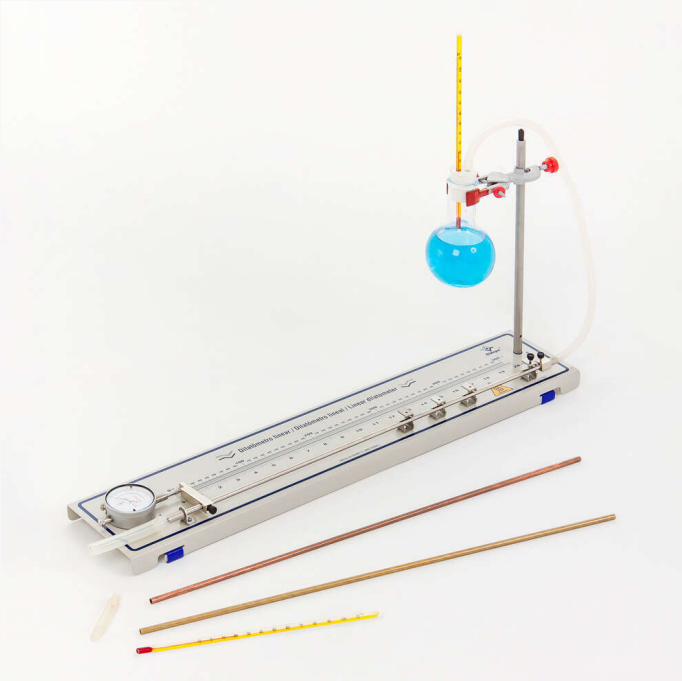

Linear dilatometer with flask and liquid column thermometer

EQ019A

Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: Thermal expansion. The variation in copper length as a function of its initial length and temperature variation. Copper and its metallic alloys. The variation in the length of the brass as a function of its initial length and temperature variation. Brass and its alloys. The variation in the length of the steel depending on its initial length and temperature variation. Steel and its alloys. The determination of the coefficient of linear expansion of a copper metal. The determination of the linear expansion coefficient of a brass metal. The determination of the coefficient of linear expansion of a metal, steel, etc.

Note: Does not include heat source.

Knowledge areas

Physics

Key Experiments

The variation in length of brass in relation to the initial length, for the same temperature variation

The determination of the coefficient of linear dilation of a brass alloy

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