Linear dilatometer with balloon, valve and digital thermometer

EQ019BA

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 metallic alloys. The variation in the length of the steel depending on its initial length and temperature variation. Steel and its metallic alloys. Determining the linear expansion coefficient of copper. Determining the linear expansion coefficients of steel and brass. The variation in copper length as a function of temperature, maintaining the same initial length. The variation in the length of brass and steel, depending on temperature, maintaining the same initial length, etc.

Note: Does not include heat source.

Knowledge areas

Physics

Key Experiments