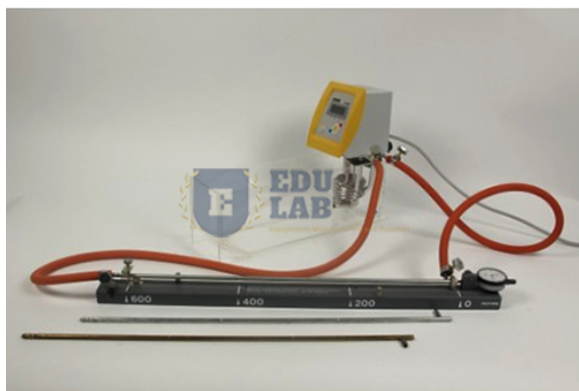


Product Code . EL-TWL-11810

Thermal Expansion in Solids and Liquids



Description

Thermal Expansion in Solids and Liquids

Description:-

To determine the linear expansion of brass, iron, copper, aluminum, Duran glass and quartz glass as a function of temperature using a dilatometer.

To investigate the relationship between change in length and overall length in the case of aluminum.




To determine the volume expansion of ethyl acetate, methylated spirit, olive oil, glycerol and water as a function of temperature, using the pycnometer.

Principle:-

The volume expansion of liquids and the linear expansion of various materials is determined as a function of temperature.

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