SCN-F003

Function

Intended for experimental study, physics laboratory and carrying out physics experiments on: Thermometry. The difference between heat and temperature. What is heat. What is temperature. The dimensional variation of a body, expansion or contraction, due to temperature variation. Heat and temperature. Thermal energy in transit from a body with a higher temperature to another with a lower temperature. Temperature, a measure of the agitation of the molecules or atoms that make up a body. Thermal expansion. The variation in volume, cubic expansion and variation in the area of ¿¿metallic bodies as a function of temperature. Gravesandes ring. What happens to the volume of metallic bodies when their temperature varies. What happens to the area of ¿¿metal plates when its temperature varies. What happens to the dimensions of a hole in a metal plate that expands, etc.

Knowledge areas

Physics - Math & Science Fundamentals - Compact Kits

Key Experiments