

Development of a Calorimetric Sensor for Medical Application

F. Socorro^{C, S}, A Mariano and M. Rodríguez de Rivera
Dpto. Física, Universidad de Las Palmas, Las Palmas de Gran Canaria, Spain
fsocorro@dfis.ulpgc.es

By using a themopile as a calorimetric sensor, it has been developed an experimental technique to measure heat dissipations in localized areas of the human body. In the sensor calibration, it has been taken into account the extent of the dissipation and its localization with regard to the sensor.