

The invention relates to measuring engineering, in particular to methods and means for contact-less measurement of temperature, and can be used in glass, textile, chemical, metallurgical and other areas of industry. The method is in fact that by means of primary transformer one receives in sequence heat radiation of controlled object with temperature T_x and two signals level of which corresponds to intensity of radiation of absolutely black body at two different temperatures T_1 and T_3 , with transformation to electric signals U_x , U_1 and U_2 , , respectively, by ratio of those one determines temperature T_x being looked for.