

The proposed device is a means of accurately measuring medium and high temperatures and is designed for diagnostics of sensitive elements (thermocouples) thermoelectric converters (TEP) during their operation, particularly in high-precision measurement systems, control and temperature control of various objects (termoahrehativ). A device for self-diagnosis thermoelectric transducer on site includes secured in the area of the free ends of thermocouple appliance, keep moving along the axis and fixation. This working end thermoelectric transducer placed in termovyrivnyuvachi, designed as a thick-walled metal tube that attaches to the wall of the measurement object temperature using thin-walled tube. Both coaxial pipe with cover diagnosed thermocouple, and their inner diameters match the outer diameter of the thermocouple cover. The technical result of the invention is a device self-test status (degree of degradation) thermocouple electrodes included in the standardized TIC, on site without dismantling and without reference (excellence) vehicles.