

The invention relates to measuring engineering. Device for measurement of physical properties comprises plotter and measuring element that is connected to signal generator through measuring resistor, the last one is connected to input "Y" of plotter. To the second input "X" of plotter thermo-couple is connected and on trolley of plotter transformer of its linear displacements is rigidly fixed, its input is connected to input of personal computer. The invention provides high accuracy at measurement of physical properties of materials, it is cheap and simple in operation.