

The invention relates to device for determination of at least one parameter of melted metal or layer of slag adjoining melted metal that includes carrying tube at one end of which measuring head is installed, this includes body fixed in bearing tube, at that in the measuring head or carrying tube analog-digital transformer is placed, at that the analog-digital transformer is connected to at least one indicator installed on or in measuring head, and is in fact that measuring head includes contact element that through its contacts is electrically connected to signal output of analog-digital transformer, contact element is connected to measuring tuyere installed to carrying tube, and in the measuring tuyere maximum two signaling conductors are placed, those at one side through contact of contact element are connected to analog-digital transformer and at the other side to computer or device for signal processing.