

MEB-2c - Barkhausen effect meter



The meter measures three quantities: the Barkhausen effect (BE) signal voltage effective level, the number of BE pulses and amplitude of control voltage signal. The amplification of BE voltage analyser and BE pulses counter threshold level are adjustable. The differential measurement of effective voltage allows detection of local change of BE properties. Three output

signals are sent via RS232 to a PC and subsequently transformed with software into information about material quality and residual stress level. The meter weight and dimensions are particularly reduced. Internal battery and high rate of measurements make it perfectly portable and useful in industrial applications. The meter allows quick evaluation of steel quality and residual stress level