Thickness Gauge NOVOTEST UT-3K-EMA

The thickness gauge UT-3K-EMA is designed for use in industrial networks, sheet metal products, rods and other products made of steel, as well as aluminum and other metals, without using of couplant, without preliminary surface preparation, with space between the probe and metal up to 3 mm. As a gap may be a layer of rust, a layer of salt deposits or other non-conductive coating (paint, varnish, enamel, plastic).

The readings of the device are slightly affected by skew, in contrast to traditional thickness gauges with piezoelectric transducers, which require fixation of the probe in a certain position. The thickness gauge UT-3K-EMA uses a special data processing algorithm that allows the thickness to be measured correctly in the presence of disturbing factors such as metal anisotropy, the presence of several reflectors, and the presence of external interference. The algorithm developed by our specialists allows to reduce the human factor and simplify the interface of the device.

Connecting a tablet, smartphone or other device based on Android OS allows user to expand the capabilities of the UT-3K-EMA thickness gauge to the level of a modern flaw detector, with the ability to display and save A-scan, B-scan, the ability to work with strokes, choose the thickness measurement mode, parameters signal processing, etc.