



**OKTANTA**

> Design and manufacture of  
non-destructive testing equipment

# EM2210 Mini thickness gauge with A-scan\*



\* A pocket-size thickness gauge.

Working with A-scan while connected to an Android smartphone or tablet is implemented.

## Application of EM2210:

EM2210 is designed for thickness measurement of steel pipes, flat steel, steel rods and other steel, aluminum or other metal constructions.

### 2 in 1 when connected to a tablet using ScanView program:

- ✓ non-contacting thickness gauge;
- ✓ flaw detector for pitting corrosion search.



**EM2210 is easily calibrated** using specified thickness or sound velocity.

EM2210 thickness gauge is registered in the Russian State Registry of Measuring Equipment. Certificate number RU.C.27.003.A №62337.

## EM2210 allows measurements:

- without usage of coupling media;
- without surface pretreatment;
- after a single button touch;
- through the working gap up to 3 mm;
- on both flat surfaces and surfaces with bending radius from 15 mm.



EM2210 mini thickness gauge can be supplemented with **wearable smart glasses** upon your request. Wearable smart glasses allow using EM2210 EMA thickness gauge in hard-to-reach places, where display readouts are impossible or difficult. In this case the readouts are displayed on the lenses of the smart glasses and the operator can always see them.

## EM2210 specifications

Thickness range (steel)	2...200 mm
Thickness measurement error	0.08 mm
Permissible clearance between the device and tested object	up to 3 mm
Permissible sensor skew	$\pm 25^\circ$
Highest number of measurements per second	16
Minimal operating bending radius of the object surface	10 mm
Range of sound velocity setting	1000...9999 m/s with 1 m/s step
Range of operating frequency	3...5 MHz
Continuous work time without battery recharge	5 hours
Type of excited wave	Lateral wave with radial polarization in the plane of tested object surface
Operating temperature range	20...+ 50 °C
Dimensions	163x39x32 mm



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