



OKTANTA

Design and manufacture of  
non-destructive testing equipment

# EM2210

## Mini EMA 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 radius of curvature from 10 mm.



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

# EM2210 specifications

Thickness range (steel)	2...200 mm
Thickness measurement error	0.08 mm
Permissible gap between the device and the test object	up to 3 mm
Permissible sensor skew	±25 °
Highest number of measurements per second	16
Lowest permissible radius of curvature of the tested 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
Duration of continuous work without battery recharge	5 hours
Type of excited wave	Transverse wave with radial polarization in the plane of test object surface
Operating temperature range	-20...+ 50 °C
Dimensions	163x39x32 mm



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