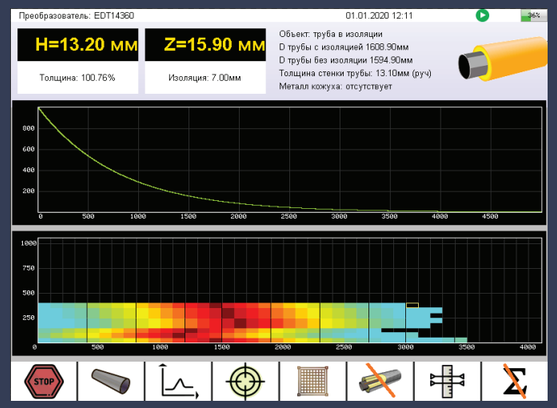
PE4332 specifications

Thickness range (carbon steel)	2..50 mm
Typical accuracy of the average wall thickness	10%
Thickness of insulation range	0..300 mm
The metal temperature range	-20..550 °C
Operating temperature range	-20..50 °C
Typical battery life	8 hours
Weight of device	4.5 kg
Dimensions	33cm X 25cm X 14cm
Maximum amount of measurements per second	4
The standard cable length	5.5 m and 1.5 m
The minimum diameter of controlled pipes	50 mm (20mm on request)
The product warranty	3 years
Communication	Wi-Fi, USB



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OKTANTA

Design and manufacture of
non-destructive testing equipment
Contactless EMA - new generation thickness gauges

Pulsed eddy current flaw detector PE4332

Pulsed eddy current flaw detector PE4332

PE4332 is designed to detect a corrosion under insulation. The device allows:

- to detect a corrosion under insulation (CUI);
- to detect a corrosion under fireproofing (CUF);
- to detect corrosion under any coatings.

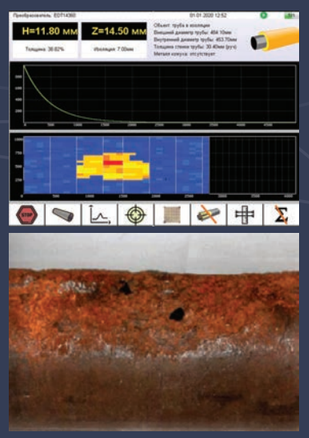
Pulsed eddy current flaw detector PE4332 applications:

The heat-insulated pipelines, heating networks, oil pipelines, oil refinery pipelines

The parts of ships coated with paint and rust

The tanks and vessels with thermal insulation coating

The supports for oil platforms and gas vessels



The measurement with the PE4332 instrument takes place on grid points. The user must apply a grid to the monitoring object before starting the diagnostic work. The user can draw a grid by hand using a ruler or stick a self-adhesive film on the pipe with a grid applied to it (our company supplies such a film). The measurement by the device takes place in the grid nodes, each measurement is displayed on the C-scan in the device.

System Features:

- The measurements are independent from changes in the thickness of the insulation on the pipes associated with sagging insulation;
- The device has the automatic measurement of insulation thickness;
- The device can automatic to define the parameters of the insulation casing (The device itself defines the material of the casing and its thickness);
- The presence of a display on the sensor allows the user to see information about the current coordinate of the sensor and the measured metal thickness;
- The sensor is equipped with a flashlight that allows user to work with the device in the dark;
- The presence of a quick-detachable battery;
- The device uses of averages measurements to offset noise when working with large gaps;
- Low weight of the device in comparison with analogues;
- The Displays of the device and probes are covered with impact-resistant hardened glass.

Keyboard:

- The device keyboard has a large number of buttons, which provides quick navigation through menu items, and thereby minimize the time to prepare for testing.