OKTANTA

Design and manufacture of
non-destructive testing equipment

PE4332
Pulse Eddy Current Flaw Detector

PE4332
Pulse eddy current flaw detector

PE4332 is designed to search for metal corrosion under insulation without its dismantling. The device is able to:

- detect corrosion under insulation;
- detect corrosion under fire protection;
- detect corrosion under any coating.

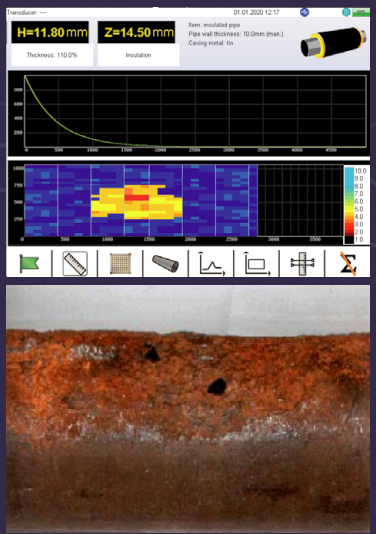
Application of PE4332:

Pipelines with thermal insulation, heating networks, oil pipelines, field pipelines

Steel ship parts under a thick layer of paint

Tanks and reservoirs with thermal insulation coating

Oil platform supports and LNG tank supports



For accurate C-scan plotting use a measurement grid. You can draw the grid manually on the inspected object or use the ready-made self-adhesive grid.

Features:

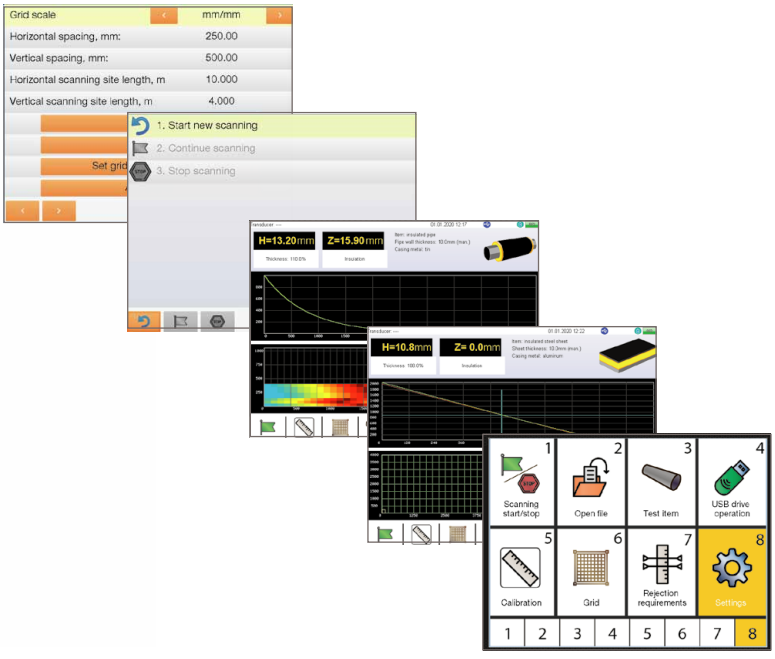
- PE4332 is the only flaw detector that can operate through galvanised tin coatings;
- The sensor screen allows the user to see information about the current sensor coordinates and the thickness of the metal being measured;

- The sensor is equipped with a backlight, which allows you to use the device in the dark;
- The device has a removable battery;
- The device uses average measurements to compensate for noise when working with large gaps;

- The device is light in weight compared to analogues;
- The display is protected by tempered glass.

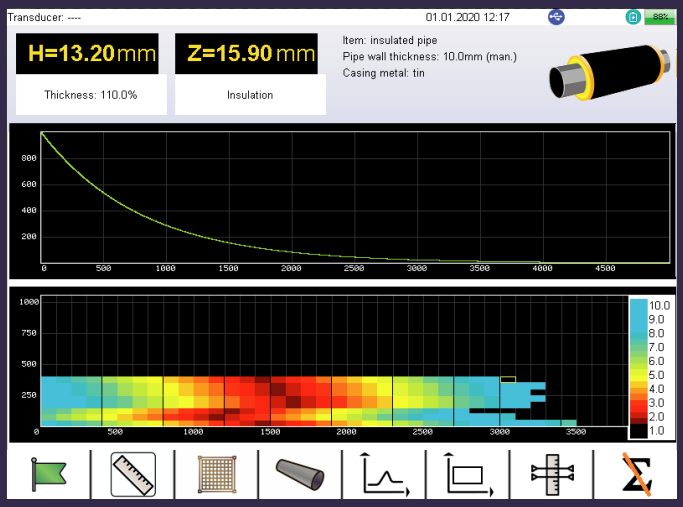
Keyboard:

- The keypad has a large number of buttons, which provides quick menu navigation and thus minimizes test preparation time.



Technical Specifications PE4332

Range of measured thickness for steel (sensor dependent)	0..60 мм
Average thickness measurement error	10%
Range of insulation coating thickness (sensor dependent)	0..300 мм
Lowest diameter of tested pipes	50 mm
Temperature of metal in the tested object	-100°...+600°C
Temperature of enclosure surface in the area of sensor placement	-20°...+60°C
Range of operating ambient temperature	-20...+50°C
Time of continuous operation without recharging the battery	8 hours
Cable length	1.5 m, 5.5 m
Dimensions	246 x 315 x 80 mm
Weight of the device	4.9 kg



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