



**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



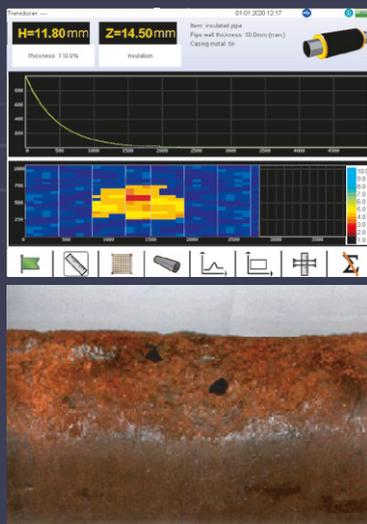
Steel ship parts under a thick layer of paint



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.

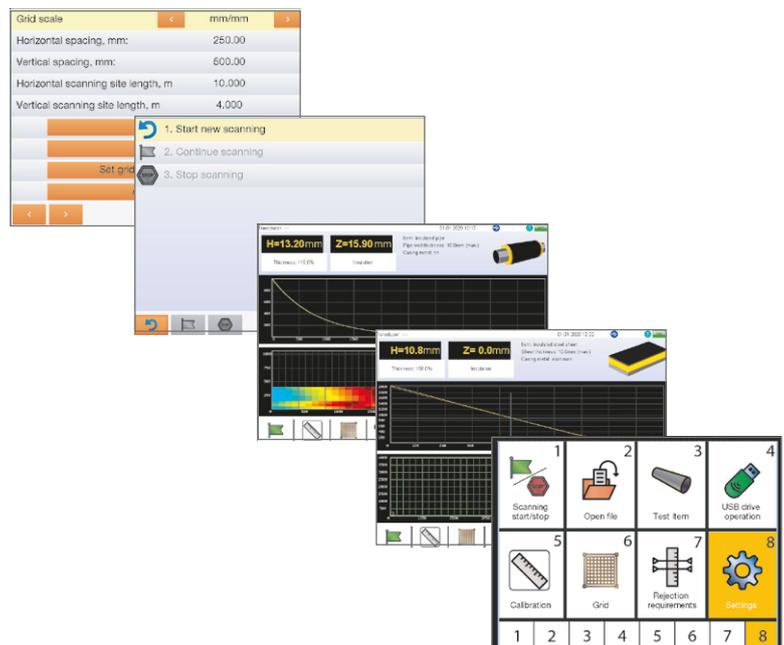
## Features:

- PE4332 is the only flaw detector that can operate through galvanized steel 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.



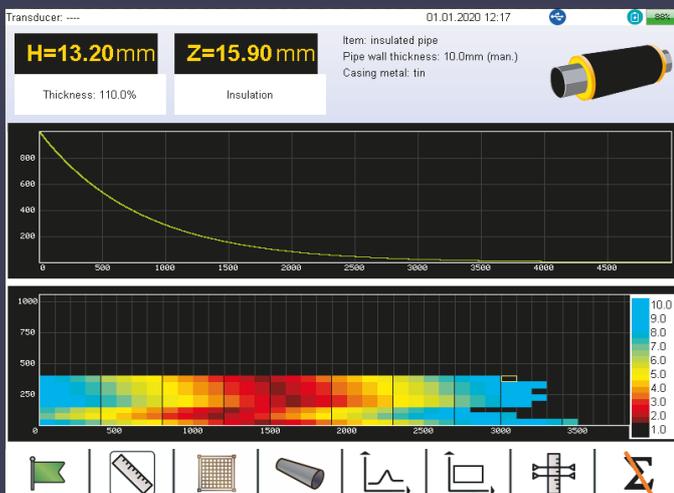
## Keyboard:

- 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 mm
Average thickness measurement error	10%
Range of insulation coating thickness (sensor dependent)	0..300 mm
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	2.5 m
Dimensions	335 x 250 x 110 mm
Weight of the device	4.2 kg



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