

# ULTRASONIC Testing



## Thickness Gauge NOVOTEST UT-3A-EMA

NOVOTEST UT-3A-EMA is designed to measure thickness of objects, such as pipes, tanks, sheet products, ship bottoms and other parts, made of metals and alloys, without application of couplant and advance surface preparation, through air gap or a layer of rust, dirt, salt or other non-conductive coatings (paint, varnish, enamel, plastic, etc.) up to 6 mm. Also it is used for evaluation of anisotropy degree of the material.



THROUGH  
COATING  
TESTING



Pulsed electro - magnetic technology implemented in the EMA transducers allows user to put the probe not exact perpendicular to the surface, but up to 25 degrees of skew and get correct readings.

The device has a bright contrast LCD display, A-scan, B-scan, calibration settings, three thickness measurement modes:

- Automatic;
- Manual mode, measurements are made using maximum in the first gate;
- Manual mode, measurements are made using two maximums in two gates.

