

# ULTRASONIC THICKNESS GAUGE

## FROST-PROOF

# A1208



## APPLICATION

Thickness measurements of metals, pipe walls, plastic objects, as well as objects made of cast iron and other materials possessing high ultrasonic attenuation properties under difficult weather conditions (from  $-30$  to  $+50$  °C).

Instrument can be operated with double-crystal and single-crystal transducers.

**S3567 2.5A0D10CL** (is included into the delivery kit) and **S3569 5.0A0D10CL** single-crystal transducers with wear-resistant ceramic protective cover allows:

- thickness measurements of thick-walled objects made of metal, cast iron, plastic and other materials possessing high ultrasonic attenuation properties.
- thickness measurements of metal objects through the paint coatings. The instrument's screen will display a thickness value of the testing object without thickness of the coating, if thickness of the coating not more than 1 mm and thickness of testing object up to 15 mm.
- scanning of the testing object.

**3567 2.5A0D10CL** and **S3569 5.0A0D10CL** are operational from  $-20$  to  $+50$  °C.

**D2763 10.0A0D6CL** double-crystal transducer (is operational from  $-30$  to  $+50$  °C) allows location of the pitting corrosion areas and thickness measurement of small diameter thin walled pipes.



## FEATURES

- Thickness measurement range (for steel) is from 0.7 to 300.0 mm
- Built-in lithium frost-proof battery
- Continuous operation time — 9 h
- Large, information-bearing, color TFT display
- Measurement discreteness is 0.01 or 0.1 mm
- Automatic detection of velocity on the object of known thickness
- Nonvolatile memory can store up to 50 000 measurement results
- Color, sound and vibro-indication
- Data transmission to PC via the USB cable

## DELIVERY KIT\*

- A1208 — electronic unit of the thickness gauge
- LEMO-LEMO single cable 1.2 m
- Transducer S3567 2.5A0D10CL
- AC-power adapter 220 V — USB
- USB A — Micro B cable
- Couplant for ultrasonic inspection «ACS-gel», 0,1 kg
- Soft cover
- Case

\*Additionally transducers:

D2763 10.0A0D6CL, D1771 4.0A0D12CL

S3569 5.0A0D10CL, 5T 12/12 (high-temperature)