

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)