

# ULTRASONIC THICKNESS GAUGE

## GENERAL-PURPOSE

# A1209

### APPLICATION

Thickness measurements of the walls, boilers, vessels, ship hulls and other objects made of ferrous and non-ferrous metals, as well as metal and plastic pipes ranging in diameter from 20 mm.

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

The double-crystal transducer **D1771 4.0A0D12CL** is included into the delivery kit. This transducer possesses increased wear resistance properties and provides reliable measurement on the many of the objects, thus allowing measurements on the corroded surfaces as well as on smooth flat objects; at that no additional adjustments are required.



The thickness gauge can be additionally equipped with the **5T 12/2** high temperature double-crystal transducer required for inspection of heated objects up to +250 °C.



### FEATURES

- Thickness measurement range (for steel) is from 0.7 to 300.0 mm
- Built-in lithium rechargeable 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\*

- A1209 — electronic unit of the thickness gauge
- LEMO-LEMO double cable 1.2 m
- Transducer D1771 4.0A0D12CL
- 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, S3567 2.5A0D10CL
- S3569 5.0A0D10CL, 5T 12/12 (high-temperature)

