

# ULTRASONIC FLAW DETECTOR

# A1211 Mini

## Tiny ultrasonic flaw detector

### FEATURES

- High-contrast informative color TFT display with an ability to adapt the orientation of the image if the instrument is turned 90 degrees.
- Measurement of the signal levels and locations of flaws.
- Scale type can be selected: mm - depth,  $\mu$ s - time.
- Quick access to the control functions.
- Three-level gate corresponding to the level of assessment of the defects (acceptance, reporting, and examination) for correct sizing of the defects across the inspected thickness of the object.
- Ability to display A-scan area of the signal and additional information on the instrument's screen: ultrasonic velocity, thickness of the testing object, number of signal reflection, and gain level.
- Indication of exceeding the reference level – color, sound, and vibration.
- Operational control of the instrument's screen backlight.
- Discreteness of indicated measurements: 0.1 or 1 mm.
- USB-port for communication with PC.
- Specialized soft cover for protection of the instrument's electronic unit against dirt, water and dust, and it can be fastened on hand as well.
- Magnetic holder built into the instrument's soft cover provides reliable fastening on the metal surfaces for easy work in hard-to-reach places and on heights.
- Operating temperature range is from -20 to +50 °C.



The main feature of the instrument is its small weight and size allowing it to be operated in cramped and hard conditions, and, what is more, it makes this flaw detector a convenient instrument for business trips. It is the most lightweight flaw detector - it weighs just 210 g with a built-in battery. User-friendly interface and convenient menu of the instrument settings allows selecting and adjusting of the operating configuration parameters on the spot; an intuitive interface allows the operator of any skill level, including those who hadn't been given advance training, to quickly learn how to use the device when operating with the instrument.

### FUNCTIONALITY

- Ability to adapt the orientation of the image if the instrument is turned 90 degrees.
- Digital TCG adjustment mode adapted to display information for horizontal and vertical image orientation.
- Easy-to-use menu of the instrument settings allowing creation and saving the configurations for further usage.
- Nonvolatile memory can store up to 100 measurement results allowing users to view, save and delete the A-Scan frames.



### DELIVERY KIT

- A1211 Mini – an electronic unit of the flaw detector
- Transducer S3568 2.5A0D10CL (2.5 MHz, normal)
- Transducer S5182 2.5A45D12CS (2.5 MHz, angled 45°)
- Transducer S5096 5.0A45D6CS (5.0 MHz, angled 45°)
- LEMO 00 – LEMO 00 single cable 1.2 m
- Adapter 220 V - USB
- USB A - Micro B cable
- Soft cover
- Couplant for ultrasonic inspection «ACS-gel», 0,1 kg
- Case