

# ULTRASONIC FLAW DETECTOR A1212 MASTER

## Portable ultrasonic flaw detector

### FEATURES

- Ergonomic case made of shockproof plastic – the device can be held with one hand.
- Convenient to be used at hard-to-reach places of the testing object.
- Electronic unit of the flaw detector with a built-in accumulator weighs just 0,8 kg.
- Maximum operation time is at least 9 hours.
- Large high-contrast color TFT display with high resolution (640 x 480 pixels) allows conveniently operating with the instrument for the long time, not straining the eyes.
- Operating temperature range is from -30 to +55 °C.
- The electronic unit of the flaw detector can be mounted to a special carrying map-case thus allowing the operator to have both hands free and operate with comfort at hard-to-reach places and at heights.
- Special soft cover with a sun hood protects the electronic unit of the flaw detector from dirt, water and dust, as well as from external light and sun beams.
- The sun-protective hood can be used as a support for working with the instrument on the table; it greatly facilitates to operate with the instrument in laboratory conditions.



### DELIVERY KIT

- A1212 MASTER – an electronic unit of the flaw detector
- Transducer D1771 4.0A0D12CL (4.0 MHz, normal)
- 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 40°)
- LEMO 00 - LEMO 00 double cable 1.2 m
- LEMO 00 - LEMO 00 single cable 1.2 m
- AC-power adapter with a cable
- USB A - Micro B cable
- Calibration sample V2/25
- Soft cover
- Carrying map-case
- Couplant for ultrasonic inspection «ACS-gel», 0,1 kg
- Case

## BASIC DELIVERY KIT OF THE FLAW DETECTORS INCLUDES



**S3568 2.5A0D10CL** — a normal single-crystal transducer (2.5 MHz) with a wear resistant protective cover is used for non-destructive testing and ultrasonic thickness measurements of the main body of the thick-walled objects made

of metal, cast iron, plastic and other materials possessing high ultrasonic attenuation properties. The transducer allows scanning of the testing object and quick searching for foreign inclusions and delaminations of structure of the base metal.



**D1771 4.0A0D12CL** — a normal double-crystal transducer (4.0 MHz) for ultrasonic thickness measurements and non-destructive testing of the thin-walled of base metal objects, when operation with flat smooth objects, as well as with corroded surfaces.