

# SART Tester

The SART Tester is designed for check of any SART in accordance with the requirements of SOLAS - 74/88, and the Russian Marine Register rules M.628-2.

The International Marine Organisation requires that all GMDSS radio equipment is maintained to ensure it meets the appropriate performance requirements. In the event of test failure, ships may be detained in port.

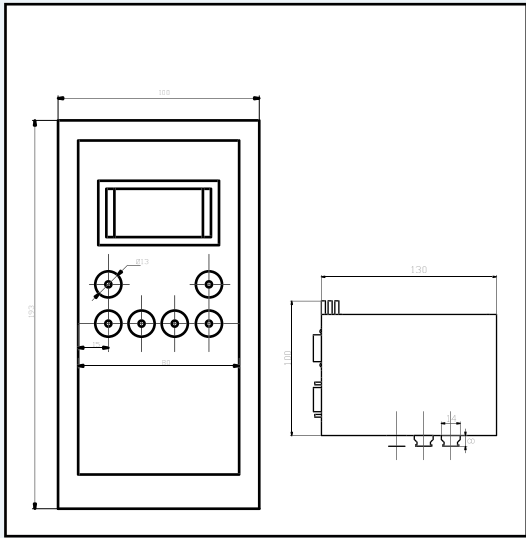
The SART Tester provides measurement of the carrier frequency, duration and power of the response. The device has small dimension and can be easily placed in hand.



Now with the help of SART Tester it is possible to test the SART to ensure it meets the appropriate performance requirements.

The SART Tester is portable and easy in use. It is far more effective than the primitive self-test function offered by any SART.

The Test results shown on LCD Display or printed make easy the further analysis of the SART efficiency.



**The device allows to:**

- measure the carrier frequency of response in range of 9140...9560 MHz;
- measure the duration of response in range of 50...150 microseconds;
- indicate the power level in range of 300...950 mW;
- calculate the quantity of sweep frequency points in the response;
- control the power supply voltage with displaying on LCD;
- print the full protocol of the device test

Calculation of SART parameters are made thought the broadcast.

The test duration with displaying on LCD - not more then 2 minutes.

The device has two power supply modes:

- inside 6V accumulator with current consumption 270 mA
- onboard power network +24V through power supply unit

**Environment:**

The device is designed for operation in the inside shielded rooms of the vessel with the temperature +5 C...+55 C and relative humidity of air 95%.

**The set of the device includes:**

- Main block
  - Connecting cables
  - Power supply unit
  - Printer
  - Software for PC
- (Software and Printer have to be ordered additionally)

**Features:**

- The device provides measurement of SART parameters in AUTO mode
- The device provides control and displaying on LCD of the power supply voltage up to ±5%
- The time of the operation without recharge of accumulator is not less 7 hours
- Current consumption of the device power supplied by accumulator: in standby mode - 85 mA, in measurement mode - 270 mA;
- Current consumption of the device power supplied through supply unit: in standby mode - 95 mA, in measurement mode - 300 mA;
- The device provides the recharge of accumulator through the power supply unit. Max time of recharge - not more then 16 hours
- The device allows to save in memory 10 blocks of measured parameters.

Available from