



# 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 Organization 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 level of the SART response. The device has small dimensions 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.

SART Tester can be easily connected to any PC by means of PC cable and Windows user-friendly software to process all measured results and prepare the certificates.

## THE DEVICE ALLOWS TO PERFORM THE:

- measurement of response signal carrier frequency within the range 9140...9560 Mhz;
- measurement of response signal duration within the range of 50...150 mcs;
- indication of response signal power level within the range of  $P_r = 300...950$  mW;



- calculation of frequency sweep number in the response signal;
- printout of the complete device test protocol by means of software and PC.

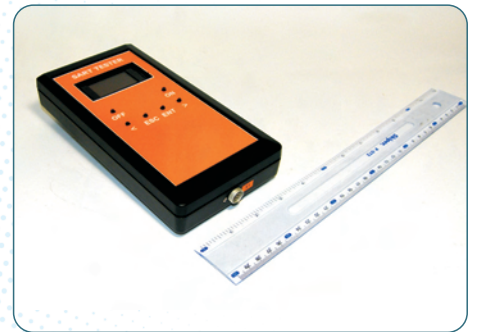
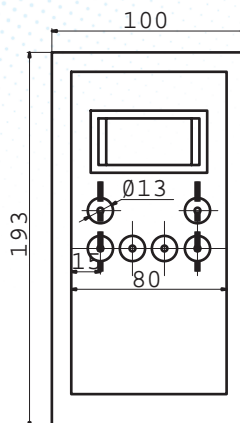
Measurement of SART parameters is made through the broadcast. The time of one measurement cycle does not exceed 2 minutes.

According to service conditions the device is designed for operation in the internal shielded ship rooms at the temperature  $+5^{\circ}\text{C}...+55^{\circ}\text{C}$ , and relative air humidity of 95%.

## ADDITIONAL FEATURES:

- The time of the operation without recharge of accumulator is not less 7 hours
- The device provides the recharge of accumulator through the power supply unit. Max time of recharge - not more than 16 hours
- The device allows to save in memory 10 blocks of measured parameters.
- The device provides control and displaying on LCD of the power supply voltage up to  $\pm 5\%$

## DIMENSIONS (cm)



## COMPLETE SET

- Main unit
- Connection cables
- AAA type 6V batteries (4 units)
- Software
- 6-9V power supply unit
- English manual

Available from



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