Tron AIS-SART
Search and rescue transmitter

- Efficient SAR operation based on AIS technology
- Detectable on all AIS receivers
- Easy battery replacement
- Wide range of accessories
- 5 year warranty

JOTRON
Performance for Life

Tron AIS-SART

A robust and proven GMDSS search and rescue transmitter

- Adopted by IMO RES MSC. 256 (84) as an alternative to 9GHz SART
- Unique AIS technology contribute to a more effective and less time consuming SAR operation, due to superior position accuracy
- The AIS-SART is detected on AIS Class A and B
- Small and compact
- Jotron Tron AIS-SART uses the same accessories as the Tron SART20 (bulkhead bracket, pole, life-boat bracket and neoprene protection bag)

Proved performance

- Up to 10 nm from a SOLAS ship with AIS class A transponder
- Up to 40 nm from a SAR helicopter (altitude 1000 ft)
- Up to 130 nm from a SAR aircraft (altitude 20000 ft)

Technical specifications

PARAMETER	
Weight	450 g
Dimensions	H: 251 mm, W: 89 mm
Material housing	Glass reinforced polycarbonate
Frequency	161.975 and 162.025 MHz (AIS 1 and 2)
Radiated power	Minimum 1 W ERP
Time to GPS fix	Less than 2 minutes when operated in an area with good satellite coverage
Signaling	Broadcasts position message: 8 bursts every minute. Broadcast safety message: "SART ACTIVE"
Position update	Every minute
Antenna pattern	Vertical polarization
Antenna height	Place at least 1 meter above sea/ground level
Indicators	Transmitter and GPS system operating
Temperature range	Operating: -20°C to +55°C Storage: -30°C to +65°C
Battery	7.2 V Primary lithium battery. 5 year service life
Operating life	Minimum 96 hours
Standards	MSC.246(83), ITU-R M.1371, IEC 61097-14, IEC 60945, SOLAS convention
ACCESSORIES	
Brackets	Bulkhead bracket, lifeboat bracket
For life raft	Life raft mounting pole, neoprene bag and strengthened lanyard, life raft mounting strap
WARRANTY	5 year from factory

Accessories

Bulk head bracket

Lifeboat bracket

Pole bracket

Life raft mouting strap

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