

# Tron SMARTDEC

GMDSS tester



- Compatible with a range of devices
- Unique in size and compactness
- USB type C-connection
- No internal battery
- Sustainable production

# Tron SMARTDEC GMDSS tester

## Precise testing and verification of distress signal capabilities

Our testing solution, Tron SMARTDEC (part no. 105790) offers a range of features to accurately evaluate and validate the performance of critical maritime communication equipment. Currently, this encompasses the following equipment; older EPIRBs, AIS-EPIRBs, AIS-SART, AIS, Ultrasonic VDR pinger, PLB, MOB, VHF voice, VHF DSC, MF/HF voice and UHF/AM radio voice, more specific details in the user manual.

All above functionalities are included in the license for life with the latest software (excluding SBM test).

## User-friendly interface

Equipped with cutting-edge technology and featuring intuitive controls, easy navigation and a responsive layout, the Tron SMARTDEC ensures a streamlined and efficient testing process. Communication between the test device and your mobile, web or tablet interface is smooth and effortless, making the experience completely hassle-free.

Updates are easily performed over-the-air, keeping your device up to date with the latest features, improvements and compatibility with evolving standards.

## Accurate testing capabilities and detailed test reports

Our device performs a series of rigorous tests to validate essential parameters. This ensures that every aspect of critical maritime communication devices is thoroughly assessed for compliance and operational effectiveness.

The Tron SMARTDEC generates comprehensive test reports that provide detailed insights into the performance of tested devices. By using QR code validation, users can verify the authenticity of the reports and avoid counterfeit versions.

## Technical specifications

PARAMETER	SPECIFICATIONS
Dimensions	H: 102 mm and L: 55 mm
Weight	0.350 gram
Frequency range	100 kHz - 900 MHz
AIS receiver	Dual frequency: 161.975 & 162.025 MHz
WIFI	IEEE 802.11 a/b/g/n
Ultrasonic receiver	25 - 50 kHz
Power input	5V 1A - Type C USB
Operating temperatures	-10°C to +50°C



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## Compliance assurance

By using our testing solution, organizations can ensure compliance with regulatory requirements and industry standards for testing and maintaining critical maritime communication devices.

It provides concrete evidence of adherence to safety protocols, boosting confidence in the reliability and readiness of distress signaling equipment.



## Contents

- Beacon tester with antenna
- USB type C cable
- Protective case

## Spare parts

Part no.

105794 SMARTDEC antenna

105795 Protective case

105898 USB Type-C Cable, shielded industrial type

Approved:

