



# Screened Box

**Techtest  
Limited**

Advanced  
test and  
measuring  
equipment

## Type 12-503-2

- Allows testing in operationa mode
- Reduces risk of false alerts.
- Compatible with SARTECH EPIRB and SART testers.
- Transportable for use on site.

Type 12-503-2 is a screened box using the Faraday Cage principle allowing distress transmitters to be tested without radiating a signal to cause a false alert.

Elimination of ambient radar signals also allows SARTs to be tested for correct "standby" operation.

The box, type 12-503-2, is seam welded aluminium, lined with broadband microwave absorbent foam to cut down internal reflection. This prevents abnormal loading of the transmitter under test, and allows a clean signal to be passed to external equipment. The lid is hinged and self supporting, and is sealed with copper/beryllium finger strips.

A sniffer antenna is connected to a BNC connector to allow connection to the tester directly or through an attenuator.

The 12-503-2 can accommodate all but the largest current beacon types whilst fitting in the trunk of a car.

### **SPECIFICATION**

External dimensions 450 x 430 x 740H(mm)  
17.7 x 16.9 x 29H(in)

Internal dimensions 250 x 250 x 24H(mm)  
9.9 x 9.9 x 24H(in)

Weight 15kg (33lbs)

Attenuation 40dB (minimum) at 121.5MHz & 400MHz

