

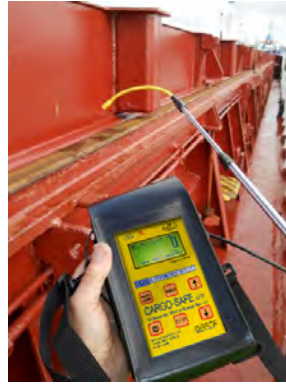
CARGO-SAFE DATA™

Ultrasonic Hatch Cover & Door Tester



VIDEO

Unique
5 Year re-calibration
period



Covid safe single person use

CARGO-SAFE DATA has marked us out as the leading provider for sophisticated leak detection. **The CARGO-SAFE DATA** enabled leaks to be found in a large range of situations from cable transits, weather-tight and water-tight doors, hatches, stern and bow doors up to full size hatch covers for cargo ships. Ultrasonic testing completely replaces chalk or hose testing and replaces it with an environmentally friendly non-polluting fast and accurate digital alternative.

The ABS Approved **CARGO-SAFE DATA** is the combination of a Cargo-Safe and Door-Safe with the added ability to store data on a memory stick for down loading onto a computer or smartphone. This feature rich product will perform without compromise hatch-cover testing for the largest of ships and water-tight, weather-tight doors and transit testing.



MINISTRY OF DEFENCE



The Royal Institution of
Naval Architects



NATO



TYPE APPROVED PRODUCT



CERTIFIED

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CARGO-SAFE ACCREDITATIONS:

- American Bureau of Shipping (ABS) TYPE APPROVED Certificate Number LD750707
- ISO 9001:2008 Certificate Number GB13487
- International Institute of Marine Surveyors (IIMS) Corporate Membership Number C508
- NATO Commercial And Government Entity (NCAE) Code U0B22
- CARGO-SAFE NATO Stock Number 6635-99-958-4633

HOW THE **CARGO-SAFE DATA™** ULTRASONIC LEAK TESTER WORKS...

The principle for ultrasonic testing is very simple. A transmitter generating an ultrasonic signal is placed behind a water-tight door or in the cargo hold (empty or loaded with cargo). The surveyor or operator then uses the **CARGO-SAFE DATA™** ultrasonic receiver to 'listen' from the outside of the door or hatch and detect any ultrasonic sounds that pass through holes in the hatch cover sealing system with pin-point accuracy. The size of the problem can be established from the strength of the signal detected in decibels.

The **CARGO-SAFE DATA™** leak detection system has three levels of emitters: upper, lower and vertical. This means that all the ultrasound is directed in a cone of ultrasound, optimising its effectiveness at uniformly covering an area. The high sound pressure level is ample to fill the largest of holds enabling reliable and accurate readings in dB which meets DNV

CARGO-SAFE DATA™ SPECIFICATION

- Each CARGO-SAFE DATA™ comes with its own certificate of calibration and conformity.
- No costly training needed to operate - full instructions and video given and certificates awarded.
- Simple to use, fast, accurate & reproducible results.
- Measurements in dB (decibels) to meet all current regulations.
- Auto set up for setting open door or hatch values.
- Transmitter output tester built into the receiver
- Remote control of the transmitter from the receiver.
- Advanced water proof leather casing IP66 for the transmitter and receiver to protect from rain or damage. Neck and waist straps provided.
- Large memory storage (4 x 1024) for location and dB readings that can be downloaded onto a PC
- Software for downloading data onto a PC and a training video provided on a memory stick.
- 5 year recalibration period.
- Carry case suitable for hand luggage on aircraft.
- The most powerful ultrasonic hatch tester available on the market with a 157 dB transmitter - suitable up to any size of ship. Includes internal holding magnets.
- **Graphic** display allows ease of reading in bright sun-shine or in darkness.
- LED and sound warning of low battery on the Transmitter and warning sent to the receiver
- Spare re-chargeable batteries and microphone included.
- Direct access to free technical support for the life of the product.
- 3 year warranty on Receiver and Transmitter units.

THE COMPLETE **CARGO-SAFE DATA™** KIT INCLUDES

- Ultrasonic Transmitter unit with integral magnets
- Tripod mounting for the transmitter
- Receiver unit
- Hard hat compatible headphones
- 2 Flexible inspection microphones (1 spare)
- Protective IP66 storm-proof leather cases with neck and waist straps for hands free operation
- Telescopic microphone extension, up to 1.15m
- Full operating instructions & video
- Emergency microphone lead
- USB Data transfer lead
- 12-24V auxiliary power input lead
- Batteries and global charger (with 12V car adaptor)
- 450 x 320 x 100mm carry case
- Total weight of kit in carry case as shown: 2.7kg
- Operational weight 2.4kg



Receiver



Transmitter



Data USB lead



Universal charger



Isolating headphones



Extension Arm



Microphone & spare lead



Emergency power lead

Tripod

