

An aerial view of an offshore oil rig structure in the ocean. The rig is a complex of black steel lattice towers and platforms. A red and white support vessel is docked nearby. The water is a deep blue-green color.

COLTRACO
Ultrasonics | since 1987

PROTECT YOUR CRITICAL ASSETS

FIRE SAFETY & ROOM INTEGRITY

Safeship® solutions for servicing teams to efficiently inspect
easy to operate | quick | reliable | durable

PORTALEVEL™ MAX MARINE

- the flagship method to test cylinder agent fill in fixed fire extinguishing systems
- handheld ultrasonic liquid level indicator
- for CO₂, FM-200™, NOVEC™1230, Halon, etc
- ABS, RINA, UL approvals



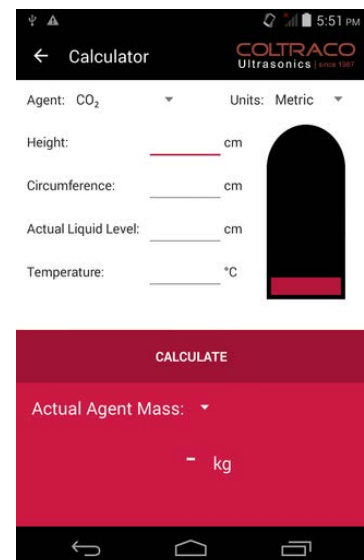
FIRETEST

the leading package for
marine-based service engineers & crew
complete set of 5 tools for special price

for a precise quote email sales@coltraco.co.uk

PORTASTEEL™ CALCULATOR

- convert liquid level readings to ones of weight and mass
- record and download the results
- to add value to service reports
- 7" ruggedised tablet
- intuitive, easy and accurate





PORTASCANNER™ 520

- handheld ultrasonic airtight integrity test indicator
- to identify leak sites in the “protected space” into which the gas discharges
- especially testing doors and multiple cable transits

PORTAPIPE™

- handheld ultrasonic pipework integrity indicator
- to check the pipes are clear of blockage
- quick way to identify leak sites
- typically for 1" pipes for sprinkler systems



PORTAGAUGE™ 3

- single echo thickness gauge
- also known as “Marine Superintendants” gauge
- for corrosion testing
- repeatability of results identifies areas of weakness

WHY DO YOU NEED THESE TOOLS?

Ships' fixed fire extinguishing systems are their own emergency response when at sea - no fire brigade nearby to help. Onboard maintenance is essential for safety of life at sea, & particularly for engine room protection. At its heart are its cylinder contents.

SERVICE TEAMS PERFORM KEY TESTS

Ensure agent contents exist; that the protected space is sealed; that pipework used to discharge the agent are clear of particulate that can clog up the nozzles & reduce the design concentration of agent such that it cannot deal with the fire event.

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ask for a quote today:

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SAFESHIP® SOLUTIONS ARE ENABLERS OF IMPROVED SAFETY

LEARN MORE ABOUT FIRE EXTINGUISHING SYSTEMS AND THE BENEFITS OF USING THE FIRETEST PACKAGE

WHY TEST EXTINGUISHING SYSTEMS? RISK.

Bad industry practice is unacceptable because fire risk may have catastrophic results due to risk to life, downtime in operation due to safety and repair work and incalculable reputation damage. Industry professionals have told anecdotes of finding 20% of fire suppression system cylinders empty or only partially full, due to mismanagement or lack of maintenance or understanding of its need. Additionally and sadly, there are anecdotes of willful misdemeanours conducted by unprofessional fire servicing companies who failed to properly check cylinders under time constraints (e.g. only 4 hours for a 2-man team to check 600 cylinders on a ship).

HOW TO TEST? PROBLEMS WITH WEIGHING.

- Anything from 1 cylinder per small facility up to 600 cylinders aboard a large vessel.
- The traditional method involves dismantling, weighing & re-installing which can take 15-20 minutes per cylinder.
- Gaseous Systems are highly pressurised at 49Bar or 720 psi and can leak as they exist in a dynamic state.
- Weighing can increase risk by disturbance.
- To mitigate risk posed by not testing or by weighing, ultrasonics is most effective.

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BENEFITS OF THE FIRETEST PACKAGE

- Used easily and safely;
- For routine maintenance: part of Facilities (FM)/Safety Management System (SMS).
- In-between statutory annual maintenance and certification provided by external contractors.
- Enabling above and beyond regulatory compliance to an advanced FM/SMS.

PORTALEVEL MAX IS THE CORE

Ultrasonics is the time and cost efficient solution and removes risk of damage to the system or injury to personnel and Portalevel® MAX is the leading flagship 8th generation LLI.

- Portalevel® MAX allows servicing to test each cylinder in less than 30 seconds.
- ATEX-certified Zone 1 Intrinsically Safe version is soon to be available .
- Slimline Multi-Bank Extension Rod is the smallest in the world able to operate on the smallest cylinder spaces .
- Portalevel® MAX has ABS Type Approval, RINA Approval and UL Listing.

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ULTRASONICS IS
THE TIME AND COST
EFFICIENT SOLUTION

RECOMMENDATION

Due to the safety of life, asset and critical infrastructure on land and at sea, technological and operational advantages, compliance with regulations and enabling the customer to go above and beyond for best practice, we believe that all leading fire service engineers deserve to utilise the FIRETEST Portalevel® MAX package.