

COLTRACO

Ultrasonics | since 1987

CONVERT  
LIQUID LEVEL  
TO WEIGHT

PORTASTEEL® CALCULATOR

BROCHURE

Actual Agent Mass:

41.19 kg

# Introducing Portasteele® CALCULATOR

Save time, money and reduce risk with award-winning innovation as an alternative to weighing fire suppression systems when partnered with the Portalevel® ultrasonic liquid level indicator..

- **Type** – liquid level to weight conversion calculator app on a 7 inch hand-held ruggedised tablet
- **Function** – Designed to convert the liquid level of CO<sub>2</sub>, FM-200™, Novec™1230, FE-13™, FE-25, Halons into weight, for easy servicing and reporting of cylinders.
- **Part Number** – CALC-007
- **Regulation Compliance (With the Portalevel® MAX):**  
NFPA, ISO 14520 & IMO SOLAS FSS



## MAKE FIRE SYSTEM SERVICING EASIER, FASTER AND SAFER



# Advantages

1.

## **Make servicing easier**

calculate liquid weight  
in real time - no need  
for manual calculations

2.

## **Improved reporting**

export csv. files straight to  
email for quick reporting

3.

## **Enhanced safety**

protect personnel and  
assets (ie. keep fire system  
turned on & cylinders in-  
situ.)

5.

## **Save time, labour**

compared to weighing  
1 person vs. 2 people  
60 seconds vs. 15 minutes



4.

## **Long term reliability**

& battery life, light  
weight, ruggedised,  
compact & durable.

6.

## **Intuitive**

saves time by storing  
often used cylinder sizes  
and settings

7.

## **Award winning**

be part of the award  
winning community - 3 x  
award winning unit

8.

## **Highly accurate**

takes into account  
environmental conditions  
e.g. temperature to  
provide accurate results

## Benefits of ultrasonics vs. weighing

2 people, 15 minutes, risk\*

1 person, 30 seconds, safe\*



**TIME TO IMPROVE FIRE SAFETY.**

**TIME TO STOP WEIGHING.**

**TIME TO SAVE TIME & COST.**

\*Whilst weighing is the traditional method, liquid level testing (Portalevel® MAX) paired with Portasteele® CALCULATOR protects against risk and saves you time. Risks such as personnel (bad backs from carrying heavy cylinders) or infrastructure (unprotected during testing because the fire system is turned off, also to the fire system which is dismantled.) For details get in touch.



# Applications

## Fire Safety & Servicing

Must have tool for inspecting fixed fire suppression systems.

## Marine

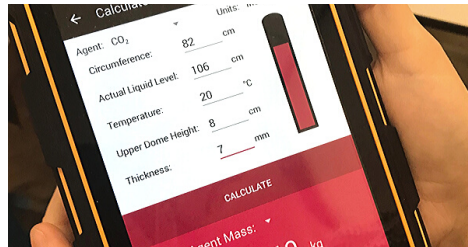
Ideal for Ship Owners, Managers, Operators and Marine Surveyors.

## Power Generation

Including conventional power plants, transmission & distribution sub-stations.

## Oil & Gas

On 50% of the North Sea rigs, platforms and offshore support vessels.



## Defence

Particularly Naval Forces and Coast Guards

## Data Centres, Banks & Telecommunications

Protect from shut down. & loss of data.

## Wind Turbines

Minimise fire risk in wind turbines and renewable energy substations.

## Many Others

Get in touch to find out if your application is viable. e.g. high rise buildings, metal & mining.

# Verifiable Agents

Including but not limited to the common liquefied gaseous fire suppressant agents e.g. CO<sub>2</sub>, FM200, NOVEC 1230, Halon 1301/1211. If your application is not listed, please contact the sales team.

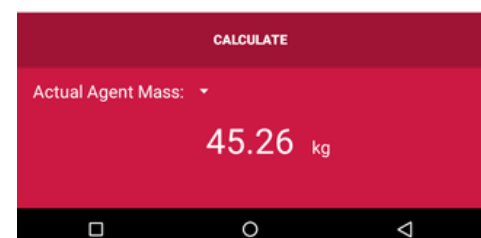
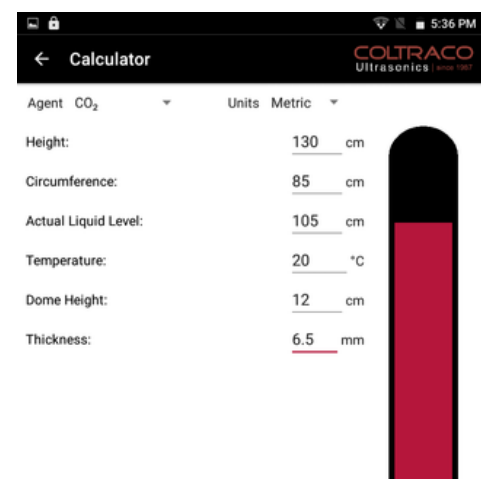
# How it works in 3 Simple Steps

1. Input your cylinder details:

Agent, Height, Circumference, Actual Liquid Level (taken with a Portalevel® unit), Temperature, Dome Height, Printed Fill Weight

2. Touch "Calculate" and instantly see the weight

3. Optional: save your results and record in a spreadsheet which can be easily shared by email.



YouTube Channel Coltraco Ultrasonics:  
[youtube.com/watch?v=k4OwBL4GDgY&t=4s](https://www.youtube.com/watch?v=k4OwBL4GDgY&t=4s)

# Technical Specifications

Verifiable Agent	CO <sub>2</sub> , FM-200®, NOVEC™ 1230, Halon 1301 and 1211, FE-13™, FE-25™. Additional agents available upon request.
Display	7 inch HD touch screen (1280x800pixels) 213 dpi
Resolution	0.1mm
Power Supply - Battery	7000mAh (rechargeable via USB)
Certificates	CE
Classifications	IP67
Dimensions	215.56 x 135.8 x 18.9mm
Weight	555 grams
Warranty	3 Years
Package Contents	1 Portasteele CALCULATOR 1 Charging USB Cable Instruction Manual

# Why work with us?

## Improve your inspections & servicing

### COLTRACO CUSTOMER CARE

- Warranty: 1 year
- Guaranteed against defects in materials & workmanship
- Technical Support for life time of the equipment via telephone/email
- Local Support in our ODA service centres strategically placed globally
- See terms and conditions for details

### OPTIONAL TOTAL CARE PACKAGE: PORTACARE®

If you would like enhanced after sales service please ask our sales team about Portacare.®.

### STORY OF COLTRACO

Since 1987 Coltraco Ultrasonics have been designing and manufacturing ultrasonic instrumentation for safety and servicing. We invented the first ever portable ultrasonic liquid level indicator in '87 and now in its 9th generation.

### QUALITY

All of our products are carefully hand built and undergo rigorous quality testing to ensure they meet the high standards expected by our customers, and provide long term reliability.

### CUSTOMER TESTIMONIALS

“

The Portasteele™ Calculator is indeed a fantastic productivity tool as well as it eliminates the risk of work accident using the traditional method to "disconnect and weigh"

- Freddie, Singapore 2017

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“

Coltraco quality is always the assurance for safety, we are proud of yours performance.

- Capt. Thum, RTBS Group, Singapore, 2018

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MADE IN UK | OPERATING IN 109 COUNTRIES | SUPPORTED LOCALLY

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