

COLTRACO

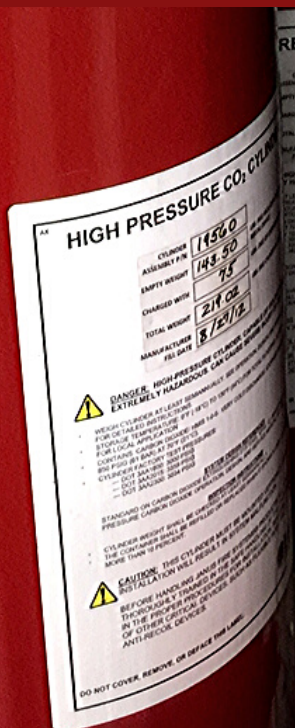
Ultrasonics | since 1987



PORTABLE ULTRASONIC LIQUID LEVEL INDICATOR

PORTALEVEL® MINI

BROCHURE



The Portalevel® MINI is from the 'tried and tested' seventh generation portable ultrasonic liquid level indicator range by Coltraco Ultrasonics. Ideal for handsfree testing of cylinder contents of fire suppression systems

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Meet the Portalevel® MINI



Advantages

1.

Easy to Use

suitable for all level of skill from technicians to chief engineers

2.

Accurate

to ± 1.5 mm to the true liquid level

3.

Durable & Versatile

robust, lightweight and tests a wide range of fire suppressant agents

4.

Handsfree

Simply attach your own carrying strap to the D loops



5.

Saves Time & Labour

compared to weighing

2 people weighing = 15 mins
1 person Portalevel® = 60 secs

6.

Proven Technology

Based on the 'tried and tested' 7th generation platform

7.

Minimise Risk

to personnel (i.e. no back injuries by heaving lifting) & environment

8.

Improve Asset Safety

test safely while system is fully operational

Verifiable Agents

Including but not limited to the common liquefied gaseous fire suppressant agents e.g. CO₂, H₂O, FM-200®, NOVEC™1230, old Halons such as 1301 and 1211, FE-13™, FE-25™, FE-36™, HFC-225 & 227ea.

Customer Testimonial about Portalevel® MINI

"We are satisfied with the equipment and its operation, it has been well received by the techs and has cut costs for us and our customers." - USA



“We are satisfied with the equipment and it's operation. It has been well received by the techs and has cut costs for us and our customers”

TYLER, SAFETY COMPANY USA, OCTOBER 2018

Stay Compliant With The Regulations

Portalevel® enables you to go above and beyond regulatory compliance.

NFPA Code 2001 Chapter 6 Inspection, Maintenance, Testing, and Training

6.1.3 At least semiannually, the agent quantity and pressure of refillable containers shall be checked

NFPA 12 Standard on Carbon Dioxide Extinguishing Systems

Section 9.4 and Section 4.8.3.4.1 respectively: Cylinder contents checked every 6 months

ISO 6183:2009 Section 9.2.1.3

Loss in CO₂ quantity of more than 10% mass shall be refilled or replaced

ISO 14520 Regulation Chapter 6 6.2.4.2 & Annex F 5

Regulations for Gaseous Fire Extinguishing Systems and Room Integrity Testing methods.

BS5306-4:2001 9.1.13

At least every six months, the container contents shall be checked. If a container shows a loss of mass of 10 % or greater, it shall be refilled or replaced.

Applications

Fire Safety Engineering

'Must-have' tool for inspecting fixed fire suppression systems

High Rise Buildings

Protect high value assets such as these by ensuring fire systems are always full

Power Generation

Minimise fire risk in areas including conventional, nuclear and renewable power plants, transmission & distribution.

Metal & Mining

Minimise fire risk in a fire critical environment



Rail

Ensure fire systems are ready to protect rolling stock and rail facilities

Data Centres & Banks

Protect from shut down and loss of data

Industrial

Minimising fire risk in pharma, food and beverage production and many more

Telecommunications

Protect masts and infrastructure from shut down

Benefits of ultrasonics vs. weighing

2 people

15 minutes

risk*



1 person

60 seconds

safe*



TIME TO IMPROVE FIRE SAFETY.

TIME TO STOP WEIGHING.

TIME TO SAVE TIME & COST.

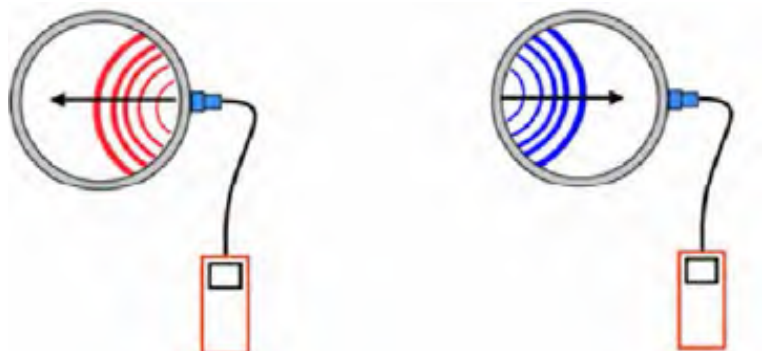
*Regulations allow liquid level testing. Whilst weighing is the traditional method, risks of weighing include: personnel (back injuries from lifting heavy cylinders); to infrastructure (turning your fire systems off means your asset is unprotected)

How to Use - in 60 seconds

1. Connect main unit and sensor & Press the "On" button
2. Put a strip of gel on the cylinder and place sensor near the top of the cylinder
3. Move sensor down in steps of 5cm to the region with highest readings & press CAL to get a full bar graph
4. Move sensor in steps of 5cm or smaller until the LED graph disappears. This is your liquid level

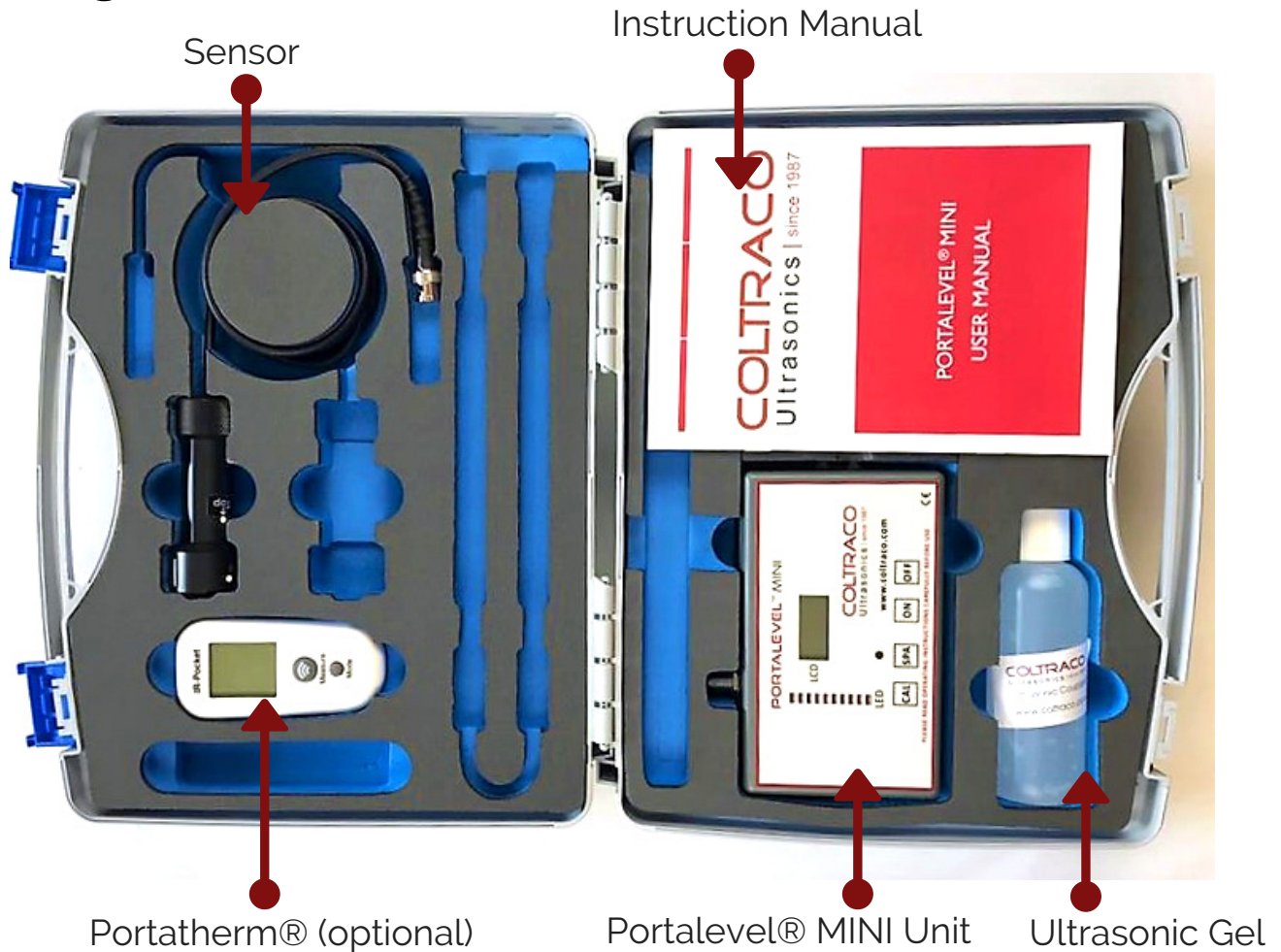


YouTube Channel
Coltraco Ultrasonics:
www.youtube.com/user/ColtracoVideos



Indicative diagram showing the ultrasound waves travelling through a cylinder

Package



OPTIONAL: Convert Level to Weight with Portasteele® CALCULATOR

Find the liquid level with the Portalevel® MINI, then choose its perfect partner: Portasteele® CALCULATOR to convert the level into weight. Save money and buy together as a Portalevel® package.

4 Super Simple Steps:

1. Input the cylinder specifications
2. Calculate in under 30 seconds
3. Save your results in a database
4. Download in a spreadsheet for easy sharing



YouTube Channel Coltraco Ultrasonics:
youtube.com/watch?v=k4OwBL4GDgY&t=4s

Technical Specifications

Dimensions	Main unit: 94.5 x 156 x 47mm
Weight	Main unit: 420 grams
Accuracy	±1.5mm (1/8 inch)
Sensor	TX/RX sensor 14 mm diameter head contained within a magnetised sensor applicator; connected by BNC connectors to 1m length co-ax cable
Power Supply	4 x AA 1.5V battery (battery life 10 hours)
Display	LCD Numeric Digital Display with LED Bar Graph
Operating Temperature	-20°C to +70°C (68°F to 158°F)
Classifications	RINA Classification Society Accepted
Certificates	Coltraco is CE, UKAS ISO 9001 Registered & ISO 14001
Warranty	Main Unit: 3 Year Warranty Sensor: 1 Year Warranty
Package Contents	1 Main Unit 1 Sensor 1 Ultrasonic Gel Tube 1 Robust Carrying Case 1 Calibration Certificate 1 Operating Instructions

Why work with us?

Improve your inspections & servicing

COLTRACO CUSTOMER CARE

- Warranty: 3 year for main unit and 1 year for sensor
- 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.®.

CUSTOMER TESTIMONIALS

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Thank you very, very much for the quick response on the Calibration and Repair on our Liquid Level Indicators. My day's been made !

Safety Servicing Company, South Africa, 2018

WWW.COLTRACO.COM

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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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COLTRACO ULTRASONICS | LONDON, UK

Call +44 207 629 8475 or email SALES@COLTRACO.CO.UK

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