



news & updates July 2026 | Issue 28

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COLTRACO
Ultrasonics | since 1987

Portalevel® IS

The Portalevel® INTRINSICALLY SAFE is an ultrasonic liquid level indicator approved for Zone 1 and Zone 2 ATEX and IECEx hazardous or explosive environments.



CEO's Corner

Maintaining the correct agent level in fire-suppression cylinders is essential for system reliability, regulatory compliance, and facility safety. The [Coltraco Portalevel® IS](#) provides a fast, non-invasive method for locating liquid levels inside cylinders without disconnecting, lifting, or weighing them. Using proven ultrasonic technology, this portable instrument helps technicians inspect cylinder contents efficiently while reducing manual handling, system downtime, and disruption to normal operations.

Designed for convenient use in the field, the [Portalevel® IS](#) offers a practical solution for routine fire-system servicing and preventative maintenance across industrial, commercial, marine, and other safety-critical

environments. The **Coltraco Portalevel® HS** is available from Saelig Company, Inc., a Coltraco authorized partner offering expert product support and assistance to customers throughout North America.

Alan Lowne
CEO, Saelig Company Inc.

What's New?

[Click here for Update](#)

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Power Analyzers
Power Supplies
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Switches
Test Enclosures
USB Analyzers
Waveform Generators



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Components



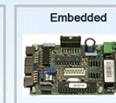
RF Shielding



Data Loggers



Displays



Embedded



Industrial PCs



PCB Test



Ultrasonic



Saelig Website



Alan Lowne, CEO

"I founded Saelig in 1988 to serve the world for unique electronic control and instrumentation equipment including: economical oscilloscopes, PC and RF spectrum analyzers, USB and logic analyzers, RFIC, pure RF sources, DMMs, data loggers, DA and DAC controllers, PCB test, high-voltage industrial panel PCs, EMC enclosures, USB-to-serial converter cables, etc."

Our satisfied customers include Intel, Apple, Philips, Matsushita, NEC, TI, Harris, Sony, RF General Dynamics, Raytheon, General Motors, many other Fortune 500 companies, military, educational institutions, hospitals, individual end-users, students, hobbyists, etc.



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The **Portalevel® INTRINSICALLY SAFE** is an ultrasonic liquid level indicator purpose designed and approved for Zone 1 & Zone 2 **ATEX** and **IECEx** hazardous or explosive environments.

PORTALEVEL® INTRINSICALLY SAFE

**Approved for use in
Zone 1 and Zone 2**
ATEX II 2 G Ex ib IIA T4 Gb and IECEx
(Ex ib IIA T4 Gb) certification, replaces
the need for a **Hot Works Permit** and
can be used in even the most sensitive
of environments.

4 power settings

For testing larger or more corroded
cylinders, allowing the unit to be used
with minimal user input.



3 calibration settings

The calibration algorithms offer three
different modes of calibration, including
an intelligent calibration mode (iCal)

Time efficient

Removes the need for a Hot Work Permit
for inspection, offering significant time,
cost and safety benefits compared to
individually weighing your cylinders.

Compatible with any liquified suppression system

Including CO₂, FM200®, NOVEC™
1230, when such systems are installed in
ATEX Zones.

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Traditional methods

vs

Ultrasonic testing

Traditionally, the contents of fire suppression
cylinders are assessed by **dismantling and
weighing**.

In hazardous & explosive environments, this
poses a **significant risk** as by intentionally
removing and isolating certain parts of the
suppression system, the **ATEX/IECEx integrity
of the system is lost** and the entire area is **not
properly protected** if a fire was to ignite for the
duration of the assessment.

The **Portalevel® INTRINSICALLY SAFE** sets
out to solve this problem. Ultrasonic liquid level
detection is **non destructive** and such does not
pose the same risks as traditional methods.

Designed to **meet ATEX and IECEx standards**,
the **Portalevel® INTRINSICALLY
SAFE** replaces the need for additional permits
such as a **Hot Works Permit**.

As such, it is perfect for environments where
volatile or explosive gases, vapours or mists

This method of testing may also require additional permit procedures resulting in what was initially a routine assessment becoming a much more complex and dangerous task.

are likely to be present in the air, such as:

- LNG and LPG carriers
- Oil tankers
- Offshore platforms with flammable gasses
- Chemical plants
- Gas plants and facilities



Click [HERE](#) to read an article discussing the use of the Coltraco Portalevel® IS.

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