

Portamarine™

Portable Liquid Level Indicator for Marine Liquid Gaseous Fire Extinguishing Systems

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The **Portamarine®** ultrasonic liquid level indicator is used for checking liquid gaseous fire extinguishing systems and is designed and manufactured by Coltraco Ltd, an ISO 9001 accredited company, and used by shipping and marine fire servicing companies throughout the world to check fixed gaseous extinguishing systems. Over 10,000 units are in use worldwide

It is a simple, portable ultrasonic liquid level indicator for checking liquid gaseous extinguishing systems, particularly those with multi-banked rows of extinguishers. It can be used on almost all liquid gaseous extinguishants, including CO₂, Novec™, FM200™, Halon and most Halon substitutes. The Portamarine® was designed specifically for marine use and the special, adjustable extension rod is slim enough to check second and third row cylinders.



It is recognised worldwide as the leading ultrasonic liquid level indicator for marine use and accepted by Det Norske Veritas. It will locate levels in almost any type of singleskinned container of any size.

The **Portamarine®** is supplied as a ready-to-go item complete with dry sensor and magnetic applicator, adjustable extension rod and sensor, ultrasonic gel, batteries, carrying case, operating instructions (available in English, French and Italian) and calibration certificate.

The extension rod is easily dismantled and re-assembled, and fits neatly into the carrying case with the unit. It uses 4 x AA batteries. The "dry" sensor supplied is suitable for good ultrasonic liquid gaseous fire extinguishing systems and can be used without ultrasonic gel by an experienced user. For poor condition cylinders, we recommend the "wet" sensor which requires ultrasonic gel and can obtain a stronger ultrasonic signal on a rough surface.

The **Portamarine®** as supplied in its lightweight carrying case with standard sensor, disassembled extension rod and all necessary accessories

Portamarine® used with extension rod



Technical Information:



The **Portamarine®** is a portable ultrasonic instrument designed to test the contents of liquid gaseous extinguishers without any preparation or disconnection of the system. It requires no downtime, maintains the integrity of the system and enables on-board checking as frequently as required. It is robust and configured for use with its Multi-Bank Extension Rod for testing large, multiple bottle installations. It can be used to detect the level of almost any fluid in almost any single skinned container.

The **Portamarine®** uses safe, environmentally friendly ultrasonic technology and has none of the problems associated with radioactive instruments.

Operation:



The **Portamarine®** is operated using 4 simple push button controls. The level is indicated by a row of LEDs and by the LCD readout. The magnetic applicator ensures that the sensor is firmly attached to the cylinder, allowing handsfree operation and ensuring good ultrasonic transmission. The sensor is moved in vertical steps up the cylinder until the LED and LCD display indicate the air/liquid interface.

Technical Specifications:



The Portalevel is proven accurate to +/- 1.5mm and weighs just 500g.

All sales are subject to our standard terms and conditions.

A copy of these is available on request.

All material is subject to prior sale.

Dated 8 February, 2010