

P/N: COL-0001 Ultrasonic Watertight Integrity Indicator designed for watertight structures



Technical Data

Dimensions (Receiver):	85x229x35 mm (L x H x W)
Dimensions (Generator):	147x89x54 mm (L x H x W)
Unit Weight:	Receiver: ~400 g, Generator: ~400 g
Power Supply:	1x PP3 9V (Generator 3x PP3 9V)
Battery Life:	10 hours Continuous Use
Sensor Type:	Flexible Sensor Wand
Sensor Connectivity:	1 m BNC Coaxial Cable
Sensor Frequency:	40 KHz (Generator: 40 KHz)
Operating Temperature:	-20 ~ +70°C (-4 F +158 F)
Enclosure IP Rating:	IP 67
Display:	55x28 mm backlit LCD
Smallest detectable leak:	0.06 ±0.02 mm hole siz
Operating Modes:	Linear/Decibel/OHV modes
Classifications & Approvals:	RINA, ABS Type Approval
Registrations:	UKCA CE, ISO 9001, ISO 14001

Warranty

Main Unit:	3-Years
Sensors:	1-Year
Technical Support:	Lifetime of the unit

One of the latest additions to the Portascanner® range, the all-new Portascanner® WATERTIGHT PLUS offers vast improvement to the functionality and display, all packaged into a smart, ergonomic, and rugged enclosure. With the implementation of three testing modes, the user has much greater control when testing a large variety of hatches and watertight structures. A new user interface upgrade now allows the user to switch between Linear, Decibel (dB) and an Open-Hatch- mode displaying the percentage leak.

LINEAR MODE

DECIBEL (dB) MODE

OHV % MODE

Please, refer to the user manual detailed descriptions of these modes and how to use them.

- User-friendly display, versatile instrument with the ability to detect holes as small as 0.06 mm.
- Three intelligent operational modes and additional power settings for increased gain when operating in large cargo holds.
- The 5-transducer variable gain transducer allows for more optimized testing and provides greater flexibility when working on structures of various sizes.
- Flexible sensor wand which allows testing in tight, difficult places such as MCTs.

OPTION 1: decibel (dB)	OPTION 2: Linear/ numerical	OPTION 3: OHV %
Up to 33 dB = watertight seal	0 - 5 = watertight seal	<i>WATERTIGHT</i>
33 dB - 57 dB = weathertight seal	6 - 100 = weathertight seal	<i>WEATHERTIGHT</i>
58+ dB = weak seal compression	101+ = weak seal compression	<i>LEAK</i>
high values = full leak site	For hatch cover: above 10% OHV = leak site. high values = full leak site	Percentage leak value also displayed.

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