



OCEANSCAN'S

UNDERWATER A – SCAN UT SYSTEM MK2

Ideal for all subsea ultrasonic inspections including full weld inspection. Lightweight, portable and simple to operate, our underwater U/T systems are built with the customers' needs in mind. The system has full topside control including DAC, Echo-Echo and Data Logging. A choice of flaw detector is supplied along with a Twin 0 degree 5 MHz compression probe and a full set of single crystal angle probes (45, 60 & 70) with wet mateable subsea connectors.

The Underwater UT Set is very user friendly, enabling the changing of probes subsea. The topside control unit features an iScope Display which can be used to mirror the UT Set image, or display a combination of images selected by the operator.

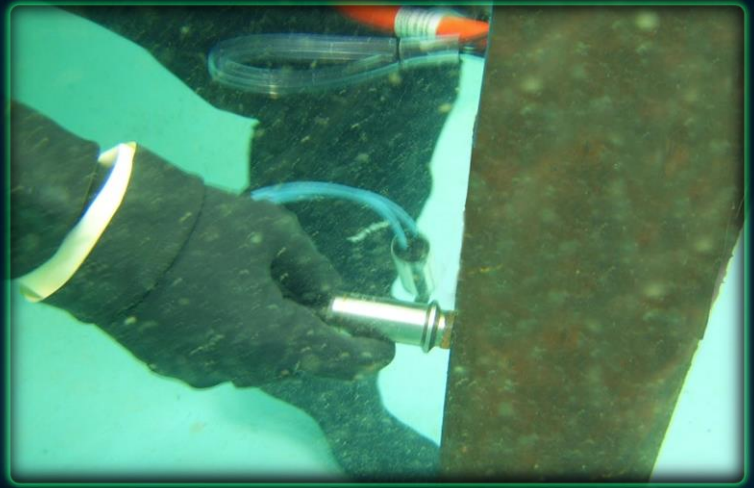
The system receives up to three additional camera or video inputs which are displayed on a split screen with the option to record direct to PC or USB.

Rated to a depth of 250m, the subsea head is connected to the topside unit by 250m or 50m of cable with the topside unit contained in a 1500 Pelicase. The operator benefits from an ergonomically designed and diver held subsea head for thickness gauging, flaw detection and weld inspection.

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Diver Unit

Power Requirement: 48V supplied from topside control unit

Display: 7"

Dicoll Display, 640 x 480 pixels

Connectors: 2 x 4 way, wet mateable subsea pod connector

Umbilical Length: 250 metres

Maximum Depth: 250 metres

Topside

Power Requirement: 110vac or 240vac

Safety Features: Subsea leak detector with test/reset feature

Ground fault Indicator with test/reset feature

Video: Composite Video output channel

Output: 48vdc to Subsea Unit. Video to Subsea Unit.

Display/Recorder: iScope

Flaw Detector

Compatible: Any UT set with VGA output and high energy setting
(See manufacturers brochure for full specifications)

Umbilical

Type: DC0338 3 x screened twisted pair

4 x 75 ohm co-ax

2 x 0.5mm conductors

250m or 50m

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