



RSL NDT LTD.

SUBSEA & TOPSIDE – EQUIPMENT & CONSUMABLES

Aberdeen & Sheffield

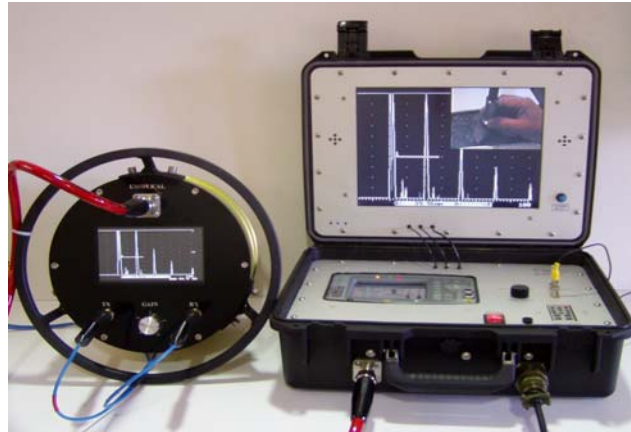
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SUBSEA DIGITAL ULTRASONIC FLAW DETECTOR



The RSL Subsea Digital Ultrasonic Flaw Detector System is the latest addition to the RSL Innovative Subsea Inspection Equipment. Utilising the Sonatest Sitiescan 250s Digital Flaw Detector and a split screen monitor in the Topside Module, the whole system presents a compact state of the art, operator friendly inspection package. Real time video recording and remote monitor viewing are just two of the facilities afforded by the system.

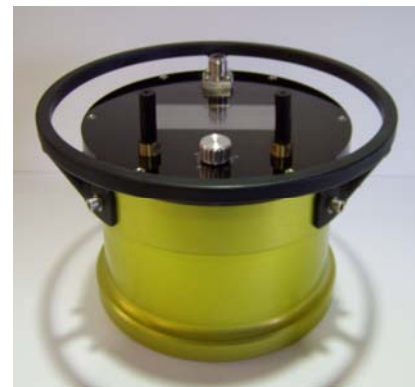
Specifications are below:

DIVER UNIT

The new Diver Flaw Detector Unit is a compact simple to use Subsea unit. Being only 250mm High and 380mm in diameter (Including handle ring), weighing 14KG in air, the Flaw Detector is easily transported and operated by the diver.

The screen has a clear vision area of 160mm x 100mm.
The diver only has one control function to operate which is the gain control for Indication Interrogation.

All Power to the Subsea Unit is provided from the Surface Unit.
Probes can be changed in situ as both unit and probes are fitted with the well proven EO Subsea Connectors.





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TOPSIDE MODULE

The Topside Module is supplied in a rugged dust proof case. Only two cables are terminated on the front of the unit, these being the mains power source and umbilical.

Inside the case the controls are laid out in a methodical and simple manner. The main screen is located in the lid of the case and the flaw detector screen in the main body. Controls are the main on/off switch, single/twin crystal selection, various terminations for computer or VCR connections and a remote control for the main screen menus.

The Topside module weighs 12KG
Dimensions: 500mm x 400mm x 150mm



UMBILICAL

The Umbilical is 250mtrs in length and supplies power to the Subsea Unit As well as receiving signals from the Worksite. It's supplied on a small Hand cranked reel.

The Reel & Umbilical Weights 75KG
Dimensions: 800mm x 520mm x 550mm



Training to use this system can be given.

Accessories such as Probes & Calibration Blocks are available.