

RSL (Aberdeen) Ltd

SUBSEA - TOPSIDE

NDT EQUIPMENT & CONSUMABLES

Unit 9
Murcar Commercial Park
Bridge Of Don
Aberdeen
AB23 8JW



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RSL SUBSEA MPI SYSTEM - SPECIFICATIONS

Developed by RSL the CMag MPI System combines additional diver safety and ease of maintenance and repair.

A new style LED UV Light and Electromagnet are both only 12 volt in operation whilst the Ink bag and Pump are now integrated in one unit, which has quick release fittings for ease of change at the worksite.

Our Surface Control Panel is built in to a lightweight Peli Case so it Can be easily moved and stored.

Specifications are below:



LAUNCH FRAME

Made of lightweight tubular construction, the frame serves two functions. Firstly keeping the whole system together as a compact module and secondly providing protection for the subsea power pod, ink bag and light during deployment or cross hauling through a structure. The four lifting points are Dye Penetrant inspected and the shackles and lifting strops are all issued with certificates.

Length 800mm x Width 400mm x Height 400mm

SUBSEA UNIT

Housing:	Anodized Aluminium Oil filled
Voltage:	Primary 240V 50Hz Secondary 6V Rating 2000A intermittent
Dimensions:	300mm diameter x 300mm overall height
Weight in air:	54Kg
Weight in water:	25Kg



SURFACE CONTROL PANEL

Housed in a lightweight non-corroding Peli Case
Mains supply indicator
Circuit breakers for Subsea Pod, U/V Lamp and Ink Pump
Maximum or variable current output for magnetizing coils
Digital output indicator
Weight in air: 9.5KG



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ISOLATION TRANSFORMER

Primary 1: 0/200/210/220/230V 50/60Hz
Primary 2: 0/200/210/220/230V 50/60Hz
Secondary: 230V
Rating: 6kVA
Style: Floor standing IP23 steel case.
Size: Width 384mm x Depth 305mm x Height 454mm
Weight in air: 62KG



INK BAG/PUMP

All in one system with the pump located in the sealed Ink Bag
The complete assembly can be changed out in a few minutes
Ink agitation via internal pump
Size: Height 300mm x Diameter 300mm
Capacity: 14 Litres
Weight Full in air: 15KG



U/V LAMP/INK DISPENSER

Type: LED U/V output
Warm up Time: Not required
Working Voltage: 12 Volts
Light Output: Conforms to BS EN ISO 3059
Weight in air: 1.8 KG
Dimensions: Length 280mm x 110mm OD



ELECTROMAGNET

Dimensions: 200mm x 155mm x 50mm
Weight in air: 2.2KG
Pole Dimensions: 20mm x 20mm
Operation: On/Off Switch



Both the U/V Lamp and Electromagnet are 12Volt working for enhanced diver safety

Registration Scotland: 118043
Registered Office: Unit 9, Murcar Commercial Park,
Bridge Of Don, Aberdeen

