

Subsea MPI Unit - SYSTEM 12



The System 12 MPI unit is a compact, battery-powered system, ideal for use in shallow water or splash zone applications. Based on the field-proven System 3 unit, this portable unit offers powerful performance from a very small package.

Diver control for the UV Lamp and Magnetic Yoke and on-board power source means no umbilical connection to the surface is required.

The system is supplied with a battery charger and purge pump for safe recharging of the power supply unit.

Key Features:

- Ideal for shallow water, tidal and splash zone applications
- Up to 4 hours operation
- DC Electromagnetic Yoke
- DC magnetising
- Powerful UV Lamp
- Ink delivery options - air-powered, hand-pump or surface feed
- UV Lamp and Subsea Unit pressure tested to 600ft water depth
- Battery charger
- Purge pump air delivery during charging - vents any charging gases



- Safe 12V DC power source
- Available as a lamp only unit for use with Permanent Magnets



We can supply MiGlow, Chemetall (Ardrox), Johnson & Allen and Magnaflux inks and consumables for use with all underwater MPI equipment. For more information, please contact our office.



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For details of this and other TVC equipment, visit our website: www.tvcalx.co.uk

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MPI Consumables

Chemetall



Ardrox 8544

A fluorescent magnetic powder, water conditioner, and surfactant mixture.

Nitrate and silicone free ultra high sensitivity fluorescent magnetic liquid concentrate. Used extensively for subsea MPI inspection.

Classification:
(REGULATION (EC) No 1272/2008)



Circle Systems, Inc.



UW 1 and UW 528



Neoastra DGC UW

High grade fluorescent magnetic ink concentrate for use in the underwater MPI process.

Complies with:
BS EN ISO 9934-2:2002

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The Validation Centre (TVC) Limited reserves the right to alter or change product specification without prior notice.

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