

# Subsea MPI Unit - SYSTEM 3



The System 3 MPI unit is a field proven subsea MPI unit with an impressive track record.

Three modes of magnetization are available with total control from the stainless steel housed topside unit. Selectable AC or HWDC magnetisation offers complete flexibility.

The inbuilt safety features including earth leakage trips and surface isolation transformer give the operator peace of mind when using the system 3 in the most arduous conditions.



## Key Features:

- Three magnetizing techniques – Prod, Yoke and Coil
- Demagnetising function
- AC and HWDC magnetising
- 10L, quick-release ink reservoir
- Continuous ink agitation
- Operates from 110, 220, 380 or 440 V AC power supplies
- Available with high quality, subsea umbilical lengths up to 300M as standard
- Stainless steel umbilical hand-winch
- Powerful UV Lamp has a 6M, combined ink delivery and power umbilical
- Conforms to national and international standards



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.



**TVC** Manufactured under exclusive licence by The Validation Centre (TVC) Limited



For details of this and other TVC equipment, visit our website [www.tvcalx.co.uk](http://www.tvcalx.co.uk)

# Subsea MPI Unit SYSTEM 3

> Subsea MPI Unit  
**SYSTEM 3**



## MPI Consumables

### Chemetall



**Ardrox 8544**

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



**Neoastra DGC UW**

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.

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**

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

Complies with:  
BS EN ISO 9934-2:2002

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

# TVC

**The Validation Centre Limited**

**Tel:** +44 (0) 1493 443800  
**Fax:** +44 (0) 1493 443900  
**Email:** sales@tvcalx.co.uk  
**Website:** sales@tvcalx.co.uk

Unit 15, Brinell Way  
Harfreys Industrial Estate  
Great Yarmouth  
Norfolk NR31 0LU