European Issue Volume 55 Number 12

# Non-Destructive Testing and Condition Monitoring December 2013

















Published by:
The British Institute of Non-Destructive Testing
Newton Building, St George's Avenue
Northampton NN2 6JB, UK
Tel: +44 (0)1604 89 3811
Fax: +44 (0)1604 89 3861
E-mail: info@bindt.org; Website: www.bindt.org

European issues of Insight are published by
The British Institute of
Non-Destructive Testing with the support of The European Federation for Non-Destructive Testing and the cooperation of individual European NDT Societies

# EF European Federation for Non-Destructive Testing

EFNDT SECRETARIAT
BINDT

Newton Building, St George's Avenue
Northampton NN2 6JB, UK
Tel: +44 (0)1604 89 3811
Fax: +44 (0)1604 89 3861
E-mail: efndt@bindt.org

Website: www.efndt.org

## COVER

This month's front cover features the WeldCheck eddy current flaw detector. Designed and manufactured in the UK by the ETher NDE team, and fitted with industry-standard 12-way Lemo and co-axial Lemo 00 connectors, the WeldCheck is able to use absolute, bridge and reflection probes, without the need for adaptors.

Featuring a daylight-readable 5.7" colour LCD full screen, the operator has excellent signal presentation, and with the built-in 'flip' function the WeldCheck suits left- or right-handed users equally.

With a minimum of 8.5 hours' battery life (100 kHz weld probe at maximum brightness), a tough aluminium/MgSi0.5 alloy powder-coated outer case and a mass of just 1.1 kg, the WeldCheck is the obvious choice when facing a long day of EC NDT. ETher NDE would like to thank Oilfield Testing Services, Great Yarmouth, and model-for-the-day Sean Shepherd (Level 3 Rope Access Supervisor) for their help with shooting this month's cover image.

ETher NDE www.weldcheck.co.uk www.oilfieldtesting.com



Volume 55 Number 12	December 2013
Comment, by Dr T Holroyd	650
NEWSDESK: The UK's future leaders in engineering honoured; Omrental fleet supports growth of advanced NDT	
OBITUARY: Professor R Grimberg	656

### SPECIAL FEATURE: ACOUSTIC EMISSION

### **FEATURES**

### **REGULAR FEATURES**

International Diary	689
NDT Info	693
Product Showcase	700
Associate Members/Index to Advertisers	704