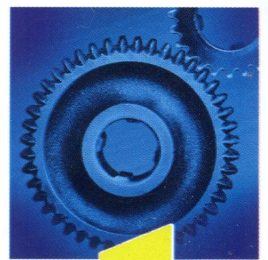
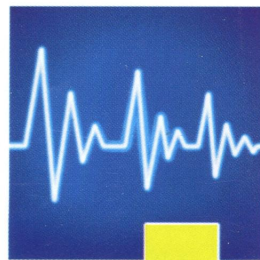
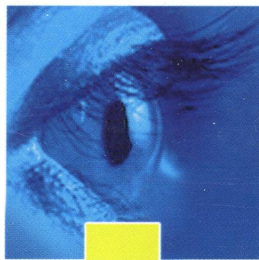
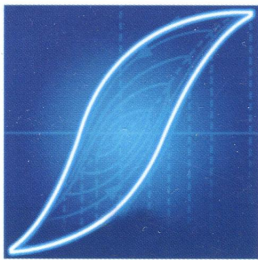
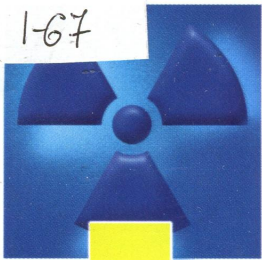


711
1-67



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Volume 56 Number 11

November 2014

Comment, *by Professor S Dixon* 586

NEWSDESK: Micro-Epsilon provides sensors for Bloodhound 1100 mph wheel spin test; X-ray inspection shifts into a higher gear at switchgear manufacturer 588

Obituaries 593

SPECIAL FEATURE: ULTRASONICS

Longitudinal wave attenuation measurements by means of a diffraction-insensitive large-aperture PVDF hydrophone, *by T Seldis* 595

The computational enhancement of automated non-destructive inspection, *by N Brierley, T Tippetts and P Cawley* 599

Fluid level sensing using ultrasonic waveguides, *by Subhash N N and K Balasubramaniam* 607

High-accuracy evaluation of pitting corrosion in field signature method, *by Fangji Gan, Zhengjun Wan, Junbi Liao and Wenqiang Li* 613

Ultrasonic scanning inspection of resistance spot welding joints, *by T Wang, C Wang, G Xu, H Mao and L Ma* 617

FEATURES

Detection of machine soft foot with vibration analysis, *by F Elasha, C Ruiz-Carcel, D Mba, V H Jaramillo and J R Ottewill* 622

CONFERENCE REPORT: 53rd Annual Conference of the British Institute of NDT – NDT 2014, *by I Baillie* 629

REGULAR FEATURES

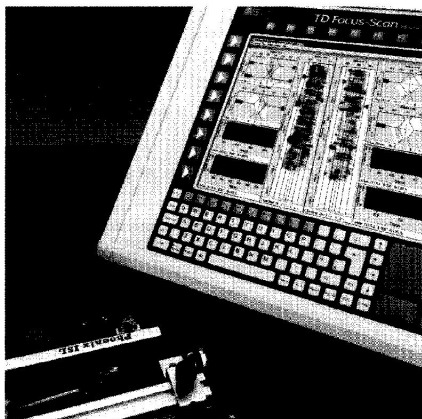
International Diary 633

NDT Info 636

Product Showcase 645

Associate Members/Index to Advertisers 648

COVER



This month's front cover shows a TD Focus-Scan from Technology Design coupled to a hand-propelled single-axis scanner carrying two phased array probes scanning both sides of the weld simultaneously. The two-sided inspection approach ensures tight time schedules are met and all data is conveniently contained within the same scan file. Versatility in mechanical configuration and software set-up is essential in achieving the highest benefit measured against system cost. The design of modern computerised ultrasonic systems has developed to a high point, where multiple ultrasonic types with multiple set-ups may be applied simultaneously in order to satisfy the demand for more accurate, wide-ranging data. Armed with this information, the engineer is able to assess the quality, life cycle and future intervention frequency, determine preventive maintenance regimes and ultimately predict the actual cost of running plant over an extended period accurately.

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