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EQUOSTAT 3 MICRO-HARDNESS TESTING

proceq

Visit the RFS "Toy Shop" on stand #8

18th International Corrosion Congress

Corrosion Control, Contributing to a Sustainable Future for All

Perth Convention Exhibition Centre, Perth, Western Australia, Australia

20-24 November 2011 • www.18iccperth2011.com

ibg EDDY CURRENT

ibg Eddyliner Digital S Eddy Current Tester leads in the line of metal testing instruments from ibg Germany. From a simple one channel sort to the use of long established Preventative Multi-Frequency Technology (PMFT) Testing ibg has the solution. It is used for testing properties such as hardness, structure, tensile strength, heat treatment or alloy composition. PMFT can use up to eight frequencies simultaneously.

ibg is well known for test reliability and ease of operation and is based on the ibg system that has been proven for decades. Wherever there is the need to test high volumes of parts (up to 7 parts per second using 8 test frequencies using coils) and the need to check for hardness, induction hardening pattern or other characteristics, then ibg has the answer. Instruments and coils or probes can be supplied right through to turn-key systems that fit into your production line.



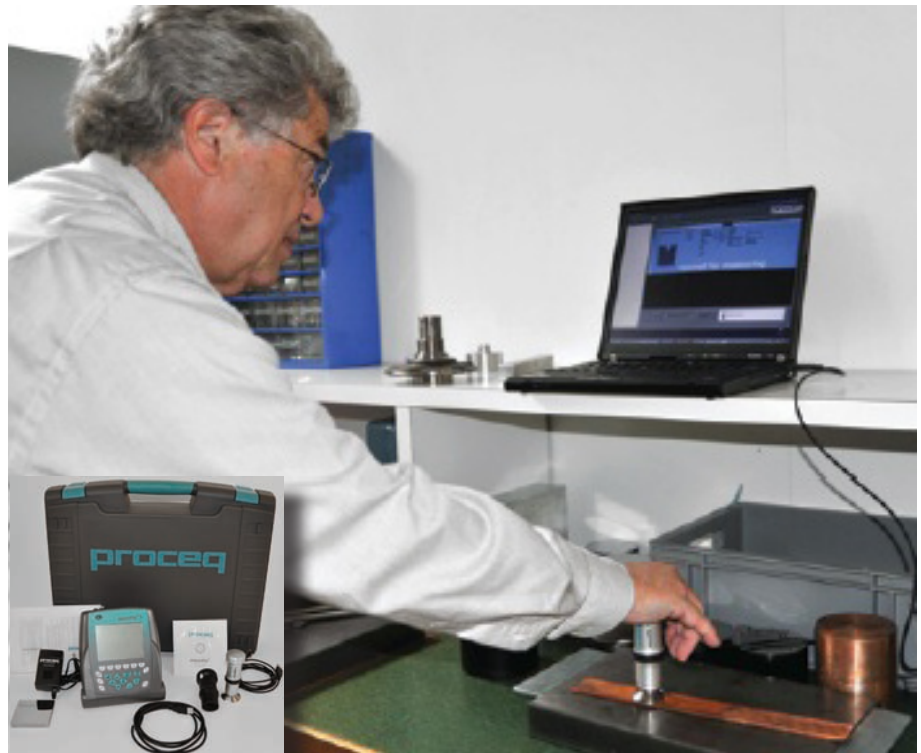
EQUOSTAT 3 HARDNESS TESTER

Proceq has launched the new Equostat 3 Micro-Hardness Tester, made in Switzerland. The Equostat 3 is designed for inspecting surface layers on scratch-sensitive or polished materials or parts as thin as 130µm.

The Equostat 3 displays the signal curve as well as operating instructions in real time. The operating instructions offer guidance as to when the test loads should be applied and released. This enables users to achieve the most repeatable measurements of any commercially available hardness tester.

The Equostat 3 probe integrates with the Equotip 3 indicating device to combine in one instrument the Leeb rebound principle with the Rockwell principle. Equostat 3 can also be connected directly to a PC. A measuring clamp, magnetic feet and special feet are also available to adapt to most sample shapes.

[More info](#)



THICKNESS GAUGES

SONATEST STEELGAGE II



The Sonatest Steelgauge II is the perfect choice for the user that is testing steel day after day. Set to a single material velocity simply turn it on & measure. The display is easy to read, even in poor light conditions, with a bar graph giving an indication of the stability of the reading.



[More info](#)

CYGNUS 2 & CYGNUS 4



The Cygnus 2 & Cygnus 4 are the smallest, lightest & most durable through coating thickness gauges available. Perfect for all lighting conditions, the Cygnus 2 now features an OLED Multi Functional display.



[More info](#)

SONATEST T-GAGE IV



The T-Gage IV is popular for routine applications on a variety of industrial materials measuring to first echo only. Advanced models include T-GAGE IV+ featuring Alarm & Differential modes, high speed scanning & RS232 output & T-GAGE IV DL which also has an Internal Data Logger.



[More info](#)

CYGNUS INTRINSICALLY SAFE



The Cygnus Intrinsically Safe Ultrasonic Thickness Gauge is certified for use in hazardous areas or enclosed spaces without the need for a plant shut-down. The Cygnus IS measures metal thickness to determine wastage or corrosion – without the need to remove protective coatings.



[More info](#)

SONATEST SONAGAGE III



The Sonagage III is ideal where you need to test different materials or customer specific materials. Contains 8 test velocities of common materials and two that the user can custom set using the simple software program.



[More info](#)

CYGNUS UNDERWATER



The new Cygnus Underwater is IPX8 rated, which allows continuous underwater operation up to 300m depth. The new feature of "Deep-Coat" mode facilitates measuring through even thicker coatings up to 20 mm thick. Now certified to RINA (Italian classification society).



[More info](#)

TSC APPOINTS RFS UNDERWATER

TSC Inspection Systems and Russell Fraser Sales Pty Ltd have been working together for many years on AMIGO ACFM systems but we now have some exciting new developments to share with you. Expanding on their growing range of Non-Destructive Testing and inspection instruments, Russell and the team have now been appointed as distributor for TSC's Underwater ACFM equipment, U31 Crack Microgauge.

The U31 instrument is specifically designed for subsea deployment by diver or Remotely Operated Vehicle. System options for the U31 include:

- U31D Diver system for depths up to 300m
- U31R Remote Operated Vehicle (ROV) system for depths up to 2000m
- Dual-frequency option available for improved underwater sensitivity
- Support for multi-channel array probes

In addition to the U31 system, TSC offers other underwater inspection products, including marine fouling thickness and pipe ovality measurement sensors, as well as manually deployed array probes.

[More info](#)



Photo (above) courtesy of Neptune Asset Integrity Services



RUSSELL'S DESKTOP

Dear Customers

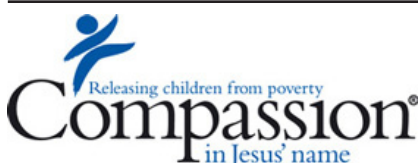
There is always something new in store at RFS. In the last month I have been to Perth and will be back in October and November. Stephen has been in Perth and Adelaide with Esko Kantonen of Bruker Elemental doing some very successful demonstrations with the Bruker Hand Held PMI XR-F units. Dave has been to Gladstone and Mackay with the Sonatest VEO Phased Array and Ultrasonic sets.

This week I am in Bali (tough hey) at the International Institute of Marine Surveyors Conference. We will be joining with Cygnus UK and Cygnus Singapore for training on the [Hatch Sure equipment](#). Our new Accountant Norman Hewitt has joined us this month and is fitting into the team as our 10th member.

Regards

INDUSTRY CONFERENCES & EVENTS:

IIMS MARITIME CONFERENCE, BALI – 21-23 SEPT 11
18TH INTERNATIONAL CORROSION CONGRESS, PERTH – 20-24 NOV 11
ACFM TRAINING COURSES TENTATIVELY BOOKED FOR DEC 11
(REGISTER YOUR INTEREST ASAP)



RFS proudly supports Compassion children in Ethiopia; Uganda, West Africa, Kenya and Tanzania. For more information please click [here](#).

To Request a Quote please contact us:

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