

TECHNOLOGY

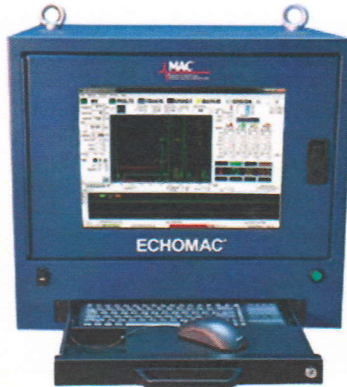
Echomac FD-6/6A ultrasonic test equipment

MAGNETIC Analysis Corp (MAC) will be featuring its Echomac® FD-6/6A ultrasonic test equipment at booth B10018 at the FABTECH 2017 show. Information will be available on a variety of applications, ranging from full body testing for spinning tube and weld zone inspection during production, to 500mm ultrasonic/flux leakage multi-test systems for large-diameter pipe.

The Echomac FD-6/6A is a computer-based ultrasonic inspection instrument designed for on- or off-line flaw detection, thickness, weld inspection and dimensional measurement in tube and pipe. This latest model achieves improved signal-to-noise ratio, finer adjustments, improved thickness resolution, repeatability and reliability.

Featuring MAC's user-friendly Echohunter® interface software and versatile, intuitive operation, control of

all key test parameters is on a single screen, and thresholds can be moved by selecting and dragging on-screen. A 'global' key allows parameters for several test channels to be adjusted at once, or copied from one channel to another.



The 6A model has also received GE qualification for P3TF31, Class A & B, and P29TF82 Class A&B, a typical requirement for nuclear and aerospace applications. MAC states that new installations or older ones that need to be upgraded can benefit from use of the Echomac FD6/6A. The instrument is compatible with rotary, immersion, bubbler or squirter type and 'spin the tube' applications.

Also featured on the booth at FABTECH will be MAC's Minimac® 55 eddy current tester for detecting short defects in ferrous or non-ferrous tube and wire, including laps, slivers and cracks, and weld line faults.

Magnetic Analysis Corp – USA
 Fax: +1 914 703 3790
 Email: info@mac-ndt.com
 Website: www.mac-ndt.com

McElroy releases outlet fusion tool

MCELROY has designed the first all-in-one fusion tool for outlet fusion of polypropylene pipe. The Hornet helps installers maintain perfect alignment of the pipe and fitting for more efficient and accurate fusions, with less time and strain compared to manual methods.

"It's exciting to offer a machine that did not exist in this marketplace until now," said Jason Lawrence, director of product development for McElroy.

The 'V-base' design of the Hornet allows it to self-align on the centre of the

main pipe. A slide-mounted precision carriage guides the drilling of the outlet hole and fusion of the fitting, keeping everything perfectly aligned to produce consistent and accurate fusions.

With a small footprint and weighing just 13 lb, the Hornet is capable of performing outlet fusions in any orientation, making it suitable for overhead and vertical fusions in tight spaces.

The Hornet works with all McElroy socket heaters and fusion outlet adapters for polypropylene pipe from

20 to 63mm, on mains up to 630mm. Each socket adapter is Teflon-coated for durability and long life. The Hornet utilises small McElroy heaters that feature microprocessor control and a dial thermometer for precise, reliable temperature. The Hornet is built to withstand tough environments, and comes with a five-year warranty.

McElroy – USA
 Email: fusion@mcelroy.com
 Website: www.mcelroy.com

Tube Forming Machine • Furniture Chair Machine Auto Pipe Cutting Machine • Robot Arms System

FOR Gas spring/Airbag/Bending/Valve/Medical instruments/Specialized

TD42001

OEM SYSTEM

- ◆ Punch forming
- ◆ Automatic welding
- ◆ Pipe-sawing and bending
- ◆ Vehicle and motorcycle parts
- ◆ Medical Facility part, etc



OEM SYSTEM



TONG DA PRECISION ENTERPRISE CO., LTD

◆ Email: sales@tdco.com.tw
 ◆ HTTP://WWW.TDCO.COM.TW