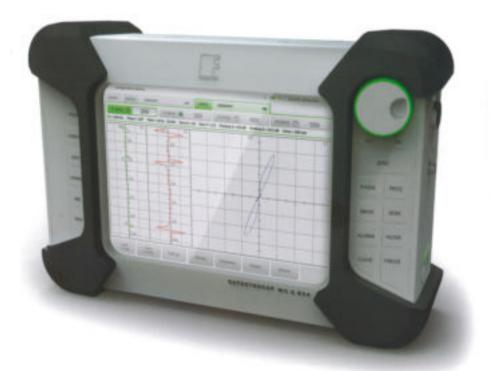
DEFECTOSCOP MC 2.834





FOERSTER UK LIMITED
2 BONEHILL MEWS,
LICHFIELD STREET, FAZELEY,
TAMWORTH, STAFFORDSHIRE,
B78 3QU
TEL: 01827 831290 - FAX: 01827 284982
EMAIL: sales@foersteruk.com
WEB: www.foerstergroup.co.uk

General Description

The **DEFECTOSCOP** Eddy Current test unit is known for its user friendly operation and its unique ability to connect Eddy Current Arrays (ECA) with up to 32 sensors to each of its 3 input modules. This permits up to a total of 96 sensors. Each module can operate up to 4 separate frequencies, either simultaneously or sequentially, driven by two independent channels.

Technical Specifications

Test frequency: 10 Hz to 10 MHz

Modular options: 3 modules with 2 independent channels including multiplexing (up to 96 sensors)

Clearance compensation: possible for each individual sensor (up to 48 sensors)

Simultaneous operation: 3 modules with 4 independent frequencies each

Sensors: Single sensor/Arrays with up to 32 sensors in multiplexing mode and all coil configurations

Position encoder: one or two axis synchronization

Preamplifier: -24 to +36 dB in 0.5 dB steps adjustable for each module, input range ±15 V to ±15 mV

Driver output: ±16 V; 10 mA to 1 A with adjustable current

Sensitivity (digital scaling): ±90 dB independently adjustable per sensor in 0.5 dB steps Display: TFT Touch Display with LED Backlight, 600 x 800 pixel, 26.4 cm (10.4") diagonal

Screen views: x/y, x/t, y/t, C-Scan (with unlimited user defined views)

Outputs: 3x USB 2.0, 1x RS232, 1x Ethernet 100 MBit/s, VGA, Audio In/Out, GPIO, 2x Analog

Power supply: up to 2 lithium ion rechargeable batteries (typ. operating time: 6-14h), mains (115/230V)

Weight: 4.3 kg (with 1 module and 1 battery)