

VERITOR

“ULTRA LOW NOISE” EDDY CURRENT FLAW DETECTOR



As well as simplicity, the VERITOR is coupled with *ETHER NDE's* newly developed 'IB Tech Inside' absolute intrinsically balanced technology, which dramatically improves the signal to noise ratio of conventional absolute probes. This gives an improvement in inspection reliability and accuracy.

Due to the separation of analogue and digital components, the VERITOR has outstanding signal-to-noise performance, unmatched on the market.

The VERITOR can also function with the LabView Development Kit. This functionality allows the operator to program more advanced features and customise system operations simply and quickly.

Able to run on readily available C-Cell batteries and compatible with virtually every PC, the VERITOR is the best in technology as well as cost effectiveness.

CUSTOMER BENEFITS

- Ultra low noise
- Simple and easy to use interface
- Compatible with virtually any PC
- Industry leading test frequency range
- Powered by easy to find C cells
- Great value for money

APPLICATIONS

- Research
- Weld Inspection
- Training Schools
- Corrosion Assessment
- Surface Crack Detection and Assessment
- Sub-surface defect detection on non-ferrous material

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ETHER NDE

SPECIFICATION

Probe	Modes	Selectable Bridge (including Absolute InBal probes) or Reflection Probes
	Frequency	2Hz- 37MHz
	Drive	1-20 v pk in 0.1 v increments
Signal	Phase	0°-359° in 1° increments
	Gain	0-100dB in 1 dB increments
	Digitising Rate	8 kHz maximum
	Filter	Low, High and Band Pass, eight Pole Bessel. Low pass filter: 10-500 Hz in 1 Hz increments, 500-2000 Hz in 50Hz increments. High Pass: 0-500 Hz in 1Hz increments. Band Pass addition of Low and High Pass.
	Display	Mode
Alarm	Grid	10 by 10 graticule
	Spot Position	Separate X and Y Controls
Storage	Type	Rectangular alarm
	Setting Output	Drag and Drop Visual on screen only
Computer	Screen	Save currently displayed screen settings for reports
	Settings Recording	Save and recall of settings Save recorded data to disk off line analysis
Size and Weight	Type	PC running Windows XP™ or Windows 7™
	Interface	USB 2.0
Power	Dimensions	11.5cm (4.5") Long x 9.5cm (3.75") Wide x 5.7cm (2.25") Thick
	Weight	0.88kg (1.9lbs) with batteries
Power	DC	5v at 1.2 A DC
	AC	With adapter 100- 240 v AC 50- 60 Hz 0.3 A
	Battery and battery life	4 off C- cells Alkaline (non rechargeable) 4 hours NiMH (rechargeable) 6 hours



The Veritor is the essence of simplicity in terms of its User Interface and is ideal for Training Schools, for example, but also features exceptional technical performance with unmatched performance for signal-to-noise and industry-leading frequency range.

Teamed with the *ETHER NDE* commitment to quality, the VERITOR is in a league of its own.



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