

# **PHASECHECK**

**DUAL FREQUENCY HIGH PERFORMANCE EDDY CURRENT  
FLAW DETECTOR WITH C-SCAN CAPABILITY**



- ✓ Based on the well respected AeroCheck+
- ✓ Sharing the same look and feel user interface means that users will quickly be able to become familiar with operation.
- ✓ Ability to post analyse data for peer review and audit purposes.
- ✓ Readily incorporate C-Scan inspection results in a report.

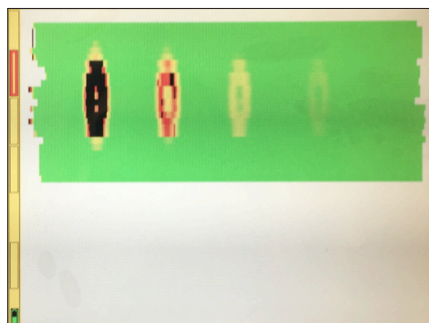
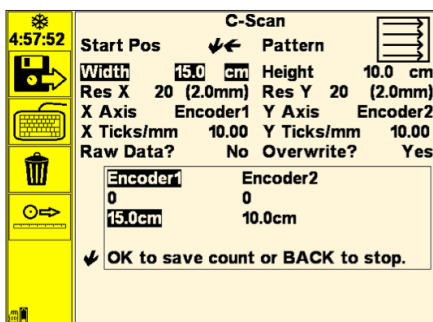
## PhaseCheck

They say “a picture is worth a 1000 words”. To date “pictures” (C-Scan) in Eddy Current has been limited to expensive large laboratory instruments. Now for the first time in a hand held high-end eddy current flaw detector package we add C-Scan data display capability.

With all the features and performance of the AeroCheck+ Eddy Current Flaw Detector combined with the ability to scan areas and document inspection results using a C-Scan Display.

Supports X/Y and R/Theta manual scanners with an easy scan calibration. Flexible encoder configuration will permit many scanner mechanisms to be interfaced.

Operating Modes	Eddy Current Modes	As AeroCheck+
		Eddy Current Single Frequency
		Eddy Current Dual Frequency
		Eddy Current Rotating Probe
		Conductivity with thickness
Display	Modes	X/Y impedance Plane (Flying Spot)
		Waterfall
		Timebase Scan
		C-Scan
		Meter
C-Scan	Resolution	Max size 1 million data points
	Scaling	.1-999.9 Ticks/mm
	Typical Scan	120 by 100mm (4.72" by 3.94") at 0.1mm (0.004") resolution
	Data Saved	Data stored as XY pairs for 2 channels. Data presentation X, Y, R or thet on CH1, CH2 or Mix.
Encoder	Input	6 pin LEMO1B Connector. 2 phase. 2 axis on way LEMO; = X/Y or R Theta.
	Count Rate Max	100kHz
Data Storage	Max Files	As per AC+
	C-Scan	Max no. of C-Scan data files: 1000
	Inspect	Comprehensive Record, Replay and Storage
General	Power	8 hrs battery life, as per AeroCheck+
	Size (w x h x d)	237.5mmx 144mm x 52mm (9.4" x 5.7" x 2.1")
	Weight	1.2kgs, 2.7lbs
	Operating Temperature	-20°C to +60°C..
	IP Rating	IP54
	Data Storage	Save Inspection data to SD Card*
	Export	of Inspection reports*



C-Scan may be exported as a Bitmap, Excel Spread Sheet or raw data file for subsequent analysis.



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