

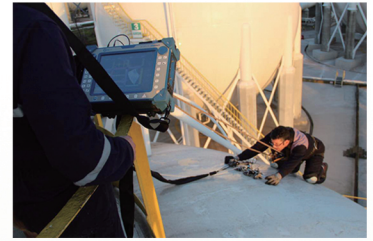


FlexScan Portable PAUT Flaw Detector

Flexscan portable phased array ultrasonic testing flaw detector is the latest competitive product made by Doppler. It shares reliable quality and capable performance with Phascan.

Smaller size, lighter weight, Hardware upgraded, software improved, more efficiency operation. Flexscan is one of the best solutions for on-site inspection.

- ▶ 8.4 Touch Screen
- ▶ 16/64, 32/64
- ▶ PA + TOFD Combo Scan
- ▶ A/B/S/C/TOFD/Offline 3D Variety of Display Mode
- ▶ Direct CAD Drawing Import-
- ▶ TKY Weld Simulation
- ▶ Dynamic Corrected Weld Overlay Imaging
- ▶ New Offline Analysis Software with More Functionability



Lighter, Faster, Simpler !

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FlexScan PAUT Flaw Detector Performance

Parameter		PA module	Conventional UT
Config.	Receiver / Pulser	32/64	1 / 2
	Range	9900μs	9900μs
	Velocity	635-15240m/s	635-15240m/s
	Focal Law	1024	
Pulser	Test Mode	PE / PC	PE / PC / TT / TOFD
	Voltage	50V / 100V / 130V	100V / 200V / 400V
	Pulse Shape	Negative Square Wave	Negative Square Wave
	Pulse Width	30-500ns	30-500ns
	Rise Time	<8ns	<8ns
	PRF	20KHz	20KHz
	Delay	10μs / 2.5ns	10μs / 2.5ns
	Damping	NA	50Ω / 500Ω
Receiver	Gain	0-80dB	0-80dB
	Bandwidth	0.5-15MHz	0.5-15MHz
	Input Impedance	500Ω	500Ω
	Input Capacitance	60pF	60pF
	Delay	10μs / 2.5ns	10μs / 2.5ns
Scan/Display	Type	Linear/Sectorial/Static/Depth	NA
	Display Mode	A/B/C/S	A/B TOFD
	Unit	mm / inch	mm / inch
DAC	Points	16	
TCG	Points	16	
	Dynamic Range	40dB	
	Max Gain Slope	40dB/μs	
Gate	Gates	A / B / I	
	Threshold	0-98%	
	Trig Mode	Peak / Edge	
Report		HTML	
Data Storage	Storage Devices	USB Devices / SD Card	
Display Screen	Size	8.4 inch	
	Resolution	800*600 pixel	
	Type	TFT LCD Touch Screen	
I/O Port	USB	2	
	Internet	10/100M	
	Video Output	DVI-D	
	Encoder	Applicable	
Language		English / Chinese	
Power Supply	Power Supply	15V DC 4A	
	Battery	LithiumIon Battery	
	Charging	Operatable While Charging	
	Battery Life	3.5h	
Housing	Dimensions	296mm*209mm*89mm	
	Weight	3.5Kg (without battery)	