



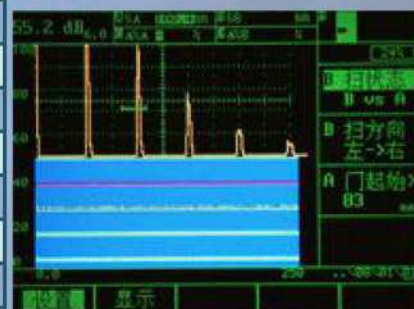
NDT Portable Ultrasound Flaw Detector UFD - X5



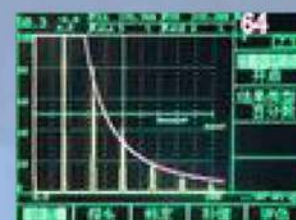
TECHNICAL SPECIFICATION

Range	Measuring	2.5 ~ 9999 mm
	Gain	0dB - 110 dB
	Dynamic	100 dB
Resolution		0.1mm (2.5 ~ 100 mm) 1mm (100 ~ 5000 mm)
Matched Damp		: 50 ohms, 100 ohms, 200 ohms, 500 ohms
Sensitivity		≥ 62 dB
Bandwith		0.1 ~ 15 MHz
Velocity		600 ~ 16000 m/s (20 fixed velocities)
Auto Calibration		Velocity Calibration & Probe Delay Calibration
Linearity Error	Horizontal	≤ 0.1%
	Vertical	≤ 2%
Detector Pattern		RF, Full-Wave, Positive, Negative and Half-Wave
Test mode		Pulse-Echo / Dual / Through Transmission
Pulser		Square Pulse
Reject		Linear (0 ~ 80% of full screen)
Language		English / Chinesse
Unit		Metric (mm), imperial (inch)
Clock		Real-time display date and time
D-Delay		-20μs ~ +3400 μs
P-Delay		0 ~ 750.000
Connector Interface		USB (compatible for printer) / *RS232
Connector Probe		LEMO or BNC
Working Environment	Humidity	20 ~ 90% RH
	Temp.	-2 ~ 70 °C
Power Supply	Capacity	Approx 2 x 3.7V 5000mAh
	Battery Adapter	Input : 100-240 - 50/60 Hz Output : 9 VDC/3~4A
	Feature	High-energy lithium batteries. (Equipped with overcharge and over-discharge protection)
	Battery Monitoring	Coulomb energy measurement based on battery monitoring, the percentage / time display the remaining battery life
	Working Hours	Can work continuously for more than 10 hours
Product Dimension		240×180×50mm
Gross Weight		1.9 Kg (including battery pack)

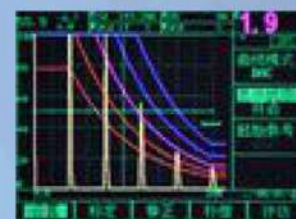
Our **UFD-X5** could meet a variety of demands with superior features ,which include portable, flexible, rapid and accurate. High cost effective makes this X5 series can be the best choice for metal industries / manufacturer.



Two Dimension Colour Code Bsacan



DGS Curve



DAC Curve

Note :

Due to keeping innovation, the specification and Machine pictures or color are subject to alteration without notice!