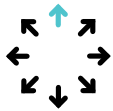




Flaw Detection UT8000

Portable ultrasound flaw detector for different types of material and components. Delivering fully traceable inspection data and rapid report creation.



Swiss Quality

Swiss Quality for unmatched performance and ruggedness. A unit that can meet the most demanding environment and requirements.



Enhanced Productivity

No adaptation time needed: learn within 1 hour and start your inspection with the most intuitive, user-friendly, feature-rich, intelligent software



Peace of Mind

The unique Rewind and log-book functions record and secure set-ups and inspection results, enabling on-demand assessment of inspection parameters. Including GPS locations, photos of the components and even audio messages.



Proceq Flaw Detector App Tech Specs

Automated calibration	Velocity, zero offset
Test modes	Pulse echo, dual, through transmission or grid
Units	Millimeters, inches, or microseconds
Range	3 – 11760 mm at 5900 m/s
Velocity	100 – 10000 m/s
Zero offset	0 – 50 mm
Display delay	up to full range
Refracted angle	0° – 90° in 1° increments
Gates	2x, fully independent
Alarms	Positive and negative threshold/curve
Measurement display	Up to 5 locations (manual or auto selection)
Echo-to-echo	Standard gate 2 – gate 1
Measurement	DAC / TCG / AVG(DGS) / AWS / CSC
Languages	English, German, Italian, French, Spanish, Chinese, Japanese, Korean, Russian, Turkish



Instrument Tech Specs

Configuration	1 UT channel
Transducer Socket	Lemo 00
Pulse Voltage	100 to 400 V (square pulse)
PRF	10 – 2000 Hz
Gain Range	0-110 dB
Bandwidth	0.2 - 20MHz
Display	Any Compatible Apple iPad® 8.3 to 12.9 Inches
Memory	Up to 2 TB (depending on the iPad model)
Connections	Encrypted Wi-Fi connection to iPad USB-C cable to iPad
Signal Enhancement	Digital and analogue filters, rejection, averaging
Digitizing Frequency	125 MHz
Supported Scans	A-Scan, B-Scan, Grid
Report Generation	Indication table, HTML export
Encoder	6 PIN Lemo, B-Scan
Battery	Removable pack, 6x AA (NIMH), flight-safe
Autonomy	5 Hrs
Damping	50, 400 Ω
Pulse width	Adjustable; 25 – 2500 nsec
Weight	698 g, incl. battery pack 1.54 lbs incl. battery pack
Input / Output	1 USB-C charging 1 USB-C data connection
IP rating	IP67
Shock tested	MIL STD 810 H Meth 516.8 Proc. II
Vibration Test	MIL STD 810 H Meth. 514.8 Proc. I Cat. 4
Norm	BS EN 12668-1 Certificate ISO 22232-1 Certificate ASTM E317

Standards & Guidelines	Description
ASTM E317 - 16	
EN 12668-1	

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