



Flaw Detection

Ultrasound Inspection for different type of materials, metal and not metal, such as composite or plastic



Upgrade-ready

The Proceq Flaw Detector 100 can be upgraded with the Ultrasonic Time of Flight Diffraction (TOFD) and Phased Array (PA) modes anytime and anywhere, even on-site.



Precision

It offers outstanding, powerful hardware, a true square wave pulser, 200MHz digitizing frequency, broad system bandwidth from 200 kHz to 20 MHz, and twin axis encoding to offer users an extremely comprehensive measurement solution.



Interactive

With a built-in 3D beamtool showing the part, weld, wedge, probe, scan coverage, and a real-time interactive ray-tracer which plots the beam path and indication location directly in the part. This powerfully helps assess and communicate the indication location easily.





Instrument Tech Specs

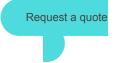
2 UT Channels Configuration Transducer Socket Lemo 1 or BNC Pulse Voltage 100 to 450 V (square pulse) PRF 1000 to 1500 Hz Gain Range 100 dB (0.1 dB steps) Bandwidth 0.2 - 22 MHz TFT 8.4" Display Digital filters, smoothing, contouring, rejection, Signal Enhancement averaging Architecture 2 channels, true 200 MHz sampling rate **Digitizing Frequency** 50 MHz, 100 MHz, 200 MHz Supported Scans A, B, C, Top and End Number of Scans Up to 2 Number of Layouts 18 Path length, depth, surface distance, DAC, Measurements AWS, DGS File Size Up to 3 GB Customisable pdf report, PNG screen capture, **Report Generation** CSV file output option 1 or 2 axis (quadrature input) Encoder English, German, French, Spanish, Russian, Languages Chinese, Hungarian, Italian, Portuguese, and Japanese Battery Life 7 Hrs Special Features IP66

Standards & Guidelines	Description
ГОСТ 14782	
FOCT 55724	
EN 12668-1	

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