



Flaw Detection **FD100 PA 16:64**

Metal and composite flaw detection using ultrasound



Compatibility

Proceq offers the possibility to order customized accessories such as probes, wedges and calibration blocks so that our solution is tailor-made to your need.



Ease of use

Plug-and-play compatibility with a wheel probe for fast and efficient corrosion mapping or large composites inspection.



Productivity

C-scans can be displayed in amplitude or depth. With merged C-scans, data is displayed for all inspection passes in the same view.



Tech Specs

Display	TFT 8.4"
File Size	Up to 3 GB
Report Generation	Customisable pdf report, PNG screen capture, CSV file output option
Encoder	1 or 2 axis (quadrature input)
Languages	English, German, French, Spanish, Russian, Chinese, Hungarian, Italian, Portuguese, and Japanese



Instrument Tech Specs

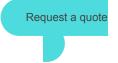
2 UT & 1 I-PEX Channels Configuration Lemo1 - BCD Transducer Socket I-PEX 25 to 75 V (in 5 V steps) Pulse Voltage PRF 1 to 5000 Hz Gain Range PA: 76 dB (0.1 dB steps) PA: 200 KHz to 14 MHz Bandwidth UT 200 KHz to 22 MHz Display TFT 8.4" Digital filters, smoothing, contouring, rejection, Signal Enhancement averaging Architecture 16 active, multiplexed over 64 channels **Digitizing Frequency** 65 MHz Focal Laws 128 Maximum A Scan Length 4096 Supported Scans A, B, C, L, S-Scan, Merged, true Top & End Number of Scans 1 (with up to 3 extracted A scans) Number of Layouts 35 Path length, depth, surface distance, DAC, Measurements AWS, DGS, TGS File Size Up to 3 GB Customisable pdf report, PNG screen capture, **Report Generation** CSV file output option Encoder 1 or 2 axis (quadrature input) English, German, French, Spanish, Russian, Languages Chinese, Hungarian, Italian, Portuguese, and Japanese Battery Life 6 Hrs IP rating IP66

Standards & Guidelines	Description
FOCT 14782	
FOCT 55724	
EN 12668-1	
ISO 18563-1	

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