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.

Software / Workspace App

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

Processing Unit / Sensor

Configuration	2 UT & 1 I-PEX Channels
Transducer Socket	Lemo1 - BCD I-PEX
Pulse Voltage	25 to 75 V (in 5 V steps)
PRF	1 to 5000 Hz
Gain Range	PA: 76 dB (0.1 dB steps)
Bandwidth	PA: 200 KHz to 14 MHz UT 200 KHz to 22 MHz
Display	TFT 8.4"
Signal Enhancement	Digital filters, smoothing, contouring, rejection, 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
Measurements	Path length, depth, surface distance, DAC, AWS, DGS, TGS
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
Battery Life	6 Hrs
IP rating	IP66

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Present in +100 countries, we serve inspectors and engineers all over the world with the most comprehensive range of InspectionTech solutions, combining intuitive software and Swiss-manufactured sensors.
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