

EddyView® II Specifications



FEATURES

Touchscreen display with touch-gesture adjustments
Industry-leading signal quality (signal-to-noise)
Independent channel monitors probe to part coupling
Multi-frequency
Conventional or array probes up to 32 coils
Compatible with rotating scanners
Conductivity and non-conductive coating thickness
Multiple display modes including impedance plane, C-scan, O-scope, and strip chart.
Exportable data for post-processing flexibility
Lock screen & Freeze screen modes
Basic setup with Smart Probes

GENERAL

Size (H x W x D)	9.4 in x 7.5 in x 3.2 in 239 mm x 191 mm x 81 mm
Weight	6.1 lb (2.8 kg) with battery
Power	AC Mains: 100-120 VAC, 200-240 VAC, 50 Hz - 60 Hz
Battery type	Li-Ion
Battery life	6 hours without scanner; 3 hours minimum with scanner
Display size (W x H, diagonal)	6.8 in x 4.2 in, 8 in 173 mm x 107 mm, 203 mm
Display type	Touchscreen color LCD, 1920 x 1024 pixels
Languages	English
Standards	CE, MIL-STD-810

ENVIRONMENTAL

Operating temp.	15° to 122°F (-9.4° to 50°C)
Storage temp.	-4° to 150°F (-20° to 65.5°C) [with batteries] -4° to 158°F (-20° to 70°C) [without batteries]
IP rating	Designed to meet the requirements of IP65

EDDY CURRENT SPECIFICATIONS

Frequency	20 Hz - 15 MHz
Multi-frequency	Yes
Gain	0 dB to 114 dB in 0.1 dB steps
Rotation	0° to 359.9° in 0.1° steps
Sweep	0.001 s to 10 s per division
Probe drive	2 V p-p, 4 V p-p, 7 V p-p (Also variable from 0 to 7 V p-p in 1% steps)
Probe types	Absolute and differential in either bridge or reflection configuration
Probe connector	16 pin LEMO®
Array connector	Uses probe connector for arrays
Filters	Low Pass: Off to 10 KHz adjustable to 3 digits of precision High Pass: Off to 10 KHz adjustable to 3 digits of precision
Display erase	0 to 99 s
Display persistence	0 to 10 s in 0.1 s increments
Alarms	Rectangular, elliptical, high and low bar dual, and single alarm
Rotating scanner compatibility	ECS-1, ECS-4, JF-15

DIGITAL CONDUCTIVITY

Frequency	60 kHz / 480 kHz
Conductivity	1 to 100% IACS Accuracy ±2.5% of measured value from 32 to 100°F across entire range.
Non-conductive coating thickness	Up to 0.020 in. Accuracy ±5% of reading.

CONNECTIVITY & MEMORY

Inputs/Outputs	Wi-Fi: 802.11ac, dual-band Bluetooth: Version 5 Ethernet port: via USB USB-A: 2ea USB-C: 1ea Video: USB supports external monitors. Printer: Via USB XY Output: HD-26 connector for differential, absolute, or combination. Multi IO: 8 configurable encoder, sync or other inputs. 8 configurable alarm or other outputs. 2 dedicated alarm outputs; TTL and open collector. Keyboard/Mouse: Via USB
External storage	USB up to 512 GB
Internal data storage	up to 28 GB

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