

OMICRON PSI-64

6-INCH, HAND-HELD PHASED
ARRAY FLAW DETECTOR WITH TFM+



*Our **PSI Range** of Phased Array/TFM Flaw Detectors offers the user unprecedented speed and performance in a small, lightweight package for your convenience.*



UT HARDWARE

Laws	• Fast multiplexing of 512 focal laws.
Digitiser	• Max. sampling frequency 100MHz, adjustable • Digitising range: 10 bits • Global delay: 0-1.6ms, step of 10ns. • Digitising depth: up to 8,000 samples.
Pulser	• Adjustable voltage: 100V • Negative rectangular pulse, adjustable width: 30ns-0.5us, • Max. PRF 8 KHz, with change of focal laws
Receiver	• Bandwidth: 0.8 - 20MHz • Adjustable gain on each channel from 0-80 dB • Cross-talk between two channels: > 50 • Max. input signal amplitude: 1 Vpp
I/O	• 1 Phased array: IPEX • 3 Encoders input: HD15 • External power supply input: USB C

TECHNICAL SPECS

Display	• IPS LCD touchscreen, 16M colors • Size: 5.99 inches, 1080 x 2160 pixels • Corning Gorilla Glass 4
Platform	• OS : Android 10
Comms	• WLAN : Wi-Fi 802.11 a/b/g/n/ac, dual-band • Bluetooth : 5.0, A2DP, LE. • GPS: with dual-band A-GPS
Camera	• Photo: 5 MP, f/2.0 • Video: 1080p@30fps
Dimensions	• 90 x 197 x 47mm • Weight: 1.2kg
Build:	• Aluminum chassis, with strap
Battery	• 15,000mAh • 5 hours without external battery pack

Product might differ from images in this brochure.



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