

# IMSE-1401/-02/-03/-04

## Datasheet



Parameter	Value
Amount of Channels	1, 2, 3 or 4
Range Span	2.54 - 1048576ns
Sampling Frequency	400GS/second
PRF Rate	Adjustable from 1.5625kHz up to 800kHz
Scan Rate	4094 Scans/second
Samples / Trace	128 - 65536
Analogue Bandwidth	2MHz - 6.85GHz
Hardware Gain	-20 to +65dB
Software Gain	-20 to +174dB
Acquisition Modes	Time, Distance, One Shot, (GPS), External Trigger
Filters	IIR, FIR, FFT (boxcar), Dewow, Stacking, Background removal
Automatic Setup Functions	Gain, Filters, Signal Position
Transducer Recognition	Automatic and Manual
Multiplexer Capability	Optional, option IOPT05
Data Storage	8,16 and 32-bit data in proprietary GSF format
Operating Temperature	-50°C to +50°C
Humidity	96% non-condensing
Ingress Protection	IP54 (IP66 as an option IOPT09)
Dimensions	220x205x72(mm)

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