

Medallion II | VR9500



VS



Technical Specifications	Medallion II	VR9500
Input Channels	4 - 16	1 - 128
Lines of resolution	13,000	26,000
Max control frequency for Sine	0.1 to 4,990Hz	0.1 to 50,000Hz
Control frequency for Random	0.5 to 4,990Hz	0.5 to 50,000Hz
Sample frequency	Up to 108,000Hz	Up to 200,000Hz
Narrow spectral bands with Random-on-Random	Up to 12	Up to 32
True floating-point Sine tones with Sine-on-Random	Up to 12	Up to 32
Random-on-Random Breakpoints	None	200
Sine-on-Random Breakpoints	50	200
Sine-on-Random Lines of Control	50 - 6,500	50 - 6,500
SineVIEW includes COLA and notching	Yes	Yes
RandomVIEW includes notching	Yes	Yes
Dynamic range	>120dB	>130dB
Light indicators on hardware showing sensor connection	No	Yes
Noise Floor	<80nV/√Hz	<70nV/√Hz



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Automated Calibration Check	Yes	Yes
Ethernet Connection Speed	1,000 base-T	1,000 base-T
Clock Synchronization Capability	No	Yes
Multi-Axis Testing Ability	No	Yes (Sine, Random, Shock, FDR, and SRS)
Transient Capture	No	Yes
Kurtosion®	No	Yes
Earthquake/Seismic	No	Yes
RecorderVIEW	No	Yes
Digital Remote I/O	8 I/O	8 I/O
Analog Inputs	No	8 Inputs
Active-X	No	Yes
Web & Email	No	Yes
Fatigue Damage Spectrum	No	Yes
3-Dimensional Plots	No	Yes
iDOF® - Instant Degrees of Freedom	No	Yes
Random Import	No	Yes