

Two Channel FFT Spectrum Analyzer Comparison



	SR785	CF-5220 (Ono Sokki)
Specifications		
Frequency Range	DC to 100 kHz	DC to 100 kHz
Real-Time BW (2 channels)	102.4 kHz	32 kHz
Dynamic Range FFT	90 dB	90 dB
Swept Sine	145 dB	150 dB w/ opt. CF-0583
Input Range	2.23 mVrms to 35.4 Vrms	1 mVrms to 31.6 Vrms
Amplitude Accuracy	0.05 dB	0.1 dB or better
Cross-Talk	<-145 dB	<-120 dB
FFT Span	two displays may have different spans	two displays must have same span
Harmonic and Sub-harmonic Distortion (sine-source)	-90 dBc typical	unknown
Features		
Order Tracking Analysis	standard	\$2,200.00 (opt. CF-0582)
Source	standard	\$2,300.00 (opt. CF-0583)
Curve Fit and Synthesis	standard	with opt. CF-0583
Swept Sine Measurement	standard	with opt. CF-0583
Real-Time Octave Analysis	standard	\$2,000.00 (opt. CF-0585)
User Math	standard	with opt. CF-0585
Time Capture	standard	standard
Data Viewer	Window 95 program for SR785 files	none
Data Conversion Utilities	convert SR785 files to ASCII, UFF, HP SDF, MATLAB	none
Memory	8 Mbytes	800 Kbytes (Block Memory), 512 Kwordx2 ch. (Record Memory)
Sound Intensity Analysis	none	\$5,200.00 (opt. CF-0552)
Wigner Distribution Analysis	none	\$750.00 (opt. CF-0551)
Built-In thermal Printer	none	\$1,500.00 (opt. CF-0580)
Display	monochrome	color
Weight	56 lbs	25 lbs
Dimensions	17"Wx8.25"Hx24"D	17"Wx8"Hx12"D
Price		
Instrument	\$10,950.00	\$14,400.00
Features standard for SR785, but optional for CF-5220	\$0.00	\$6500.00
Total	\$10,950.00	\$20,900.00