

4195A and 4395A Brief Comparison

The following table provides at-a-glance lists of the major specifications and functions between the 4195A and the 4395A.

		4195A	4395A
Network Analysis	Frequency Range Dynamic Range Dynamic Accuracy Speed	10 Hz to 500 MHz 100 dB +/-0.05 dB, +/-0.3 deg 3 ms/point	10 Hz to 500 MHz 115 dB +/-0.05 dB, +/-0.3 deg 400 us/point
Spectrum Analysis	Frequency Range RBW Dynamic Range (3rd IMD free, typ) Input Speed (Span=100 kHz, RBW=100 Hz)	10 Hz to 500 MHz 3 Hz to 300 kHz (Shape Factor: 9) 95 dB R1, T1, R2, T2 50.7 sec	10 Hz to 500 MHz 1 Hz to 1 MHz (Shape Factor: 3) 100 dB R, A, B 0.4 sec
Impedance Analysis (Optional)	Required Opt. Frequency Range Impedance Accuracy DC Bias	41951A (obs) 100 kHz to 500 MHz 3% (typical) 40 V@Open, 20 mA@short	Opt,010, 43961A 100 kHz to 500 MHz 3% (typical) 40 V, 20 mA (Opt.001)
Standard Features	Floppy Disk Drive Programming I/O Port Graphics File Format Keyboard Display Size Weight	Low Density (LIF only) Auto Sequence Program 8 bit I/O No Support No Support Color CRT 425 x 375 x 620 mm 41 kg (Two boxes)	High Density (DOS, LIF) I-Basic 8 bit I/O, 24 bit I/O TIFF DIN Keyboard (Opt.810) Color TFT LCD 425 x 235 x 553 mm 21 kg (One box)