

Comparison between DS345 and HP 33120A



	<i>DS345</i>	<i>HP33120A</i>
SRS Advantages		
Frequency Range	1 uHz to 30 MHz	100 uHz to 15 MHz
Resolution	1 uHz	10 uHz
10 MHz Ref. Input / Output	Standard	Optional
Phase Modulation	Yes	No
Usability	Easy to use	More difficult to use; buried menus
Amplitude Range	10 mV to 10 Vpp	50 mV to 10 Vpp
Sweep Speed	1 ms to 1000s	1 ms to 500s
Arb. Waveform Entry	Front Panel or Computer	Computer only
SRS Disadvantages		
FSK	No	Yes
Max. Cycles / Burst	30,000	50,000
Arb. Memory	16,000 points	4x16,000 points or 8x8,000 points
Front Panel Knob	No	Yes
Warranty	1 year	3 years
Arb. Sample Rate	40 MHz/N	Continuously, variable to 40 MHz
Price		
Standard Unit	\$1595.00	\$1795.00
Arb. Software	No charge	\$295.00
10 MHz Ref. Input / Output	No charge	\$403.00
GPIB, RS232 Interfaces	\$495.00	No charge

