

Models:	SHS806	SHS810	SHS820
Bandwidth	60MHz	100MHz	200MHz
Rise Time	≤5.8ns	≤3.5ns	≤1.7ns
Input Impedance	1MΩ±2%, 18pf±3pf	Input Impedance	Input Impedance
Real Time Sampling Rate	Single Channel: 1GSa/s,	Real Time Sampling Rate	Real Time Sampling Rate
Double Channels: 500MSa/s	500MSa/s	Double Channels: 500MSa/s	Double Channels: 500MSa/s
Equivalent Sampling Rate	50GSa/s	Equivalent Sampling Rate	Equivalent Sampling Rate
Time Base Range	5 ns/ div – 50s/ div	2.5 ns/ div – 50s/ div	5 ns/ div – 50s/ div
Scan Range	100ms/ div ~ 50s/ div	Scan Range	Scan Range
Vertical Sensitivity	2mV/div – 100V/div(1-2-5 step)	Vertical Sensitivity	Vertical Sensitivity
Vertical Resolution	8 bits	Vertical Resolution	Vertical Resolution
Trigger Types	Edge, Pulse, Video, Slope, Alternative	Trigger Types	Trigger Types
Frequency Counter	6 bits	Frequency Counter	Frequency Counter
Connection	USB Device, USB Host	Connection	Connection
Math	+, -, * , /, FFT	Math	Math
Oscilloscope Trend Plot	800K points	Oscilloscope Trend Plot	Oscilloscope Trend Plot