

| 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 |