

Model	SIGLENT SDS5000X	Keysight 3000T	Tek MDO3000	Tek MDO4000C	Rigol DS7000	Rigol DS6000	RIGOL DS4000
Bandwidth	350M/500M/1G Hz	100M/200M/350M/500M/1G Hz	100M/200M/350M/500M/1G Hz	200M/350M/500M/1G Hz	100M/200M/350M/500M	600M/1G	100M/200M/350M/500M
Analog channels	2/4 CH	2/4 CH	2/4 CH	4 CH	4 CH	2/4 CH	2/4 CH
Max. real-time sample rate	5 Gsa/s	5 Gsa/s	5 Gsa/s	2.5-5G Sa/s	10 Gsa/s	5 Gsa/s	4 Gsa/s
Max. memory depth	250 Mpts	4 Mpts	10 Mpts	20 Mpts	500 Mpts	140 Mpts	140 Mpts
Max. waveform capture rate	500,000 wfm/s	1,000,000 wfm/s	280,000 wfm/s	340,000 wfm/s	600,000 wfm/s	180,000 wfm/s	110,000 wfm/s
Touch-Screen	Capacitive multi-touch screen	Capacitive touch screen	Not Support	Not Support	Capacitive multi-touch screen	10.1 inch WVGA(800X480) Display	9 inch WVGA (800×480)
Vertical sensitivity	500 uV/div ~ 10 V/div	1 mV/div ~ 5 V/div	1mV~10V/div	1mV~10V/div	1mV~10V/div	2mV~5V/div	1mV~5V/div
Sequence Function	Support,100000 segments	Support,1000 segments	Not Support	Not Support	Not Support	Not Support	Not Support
History Function	Support,100000 frames	No Support	Not Support	Not Support	Support	Not Support	Support,200,000 frames
Auto measurement and statistics	38 kinds	38 kinds	30 Kinds	30 Kinds	33 kinds	27 kinds	29 kinds
WaveScan	Support	No Support	Support	Support	Support	Not Support	Not Support
Trigger type	Edge , slope, pulse width, window , Runt, Interval, Dropout, Pattern , video	Edge, Pulse, Runt, N-th Edge, Slope, Pattern, Video		Edge , Sequence (B-trigger) , Pulse Width , Timeout , Runt , Setup and Hold	Edge , slope, pulse width, window , Runt, Interval, Dropout, Pattern , video,N-th Edge	Edge , slope, pulse width, window , Runt, Interval, Dropout, Pattern , video,N-th Edge	Edge , slope, pulse width, window , Runt, Interval, Dropout, Pattern , video,N-th Edge
Serial Trigger and Decode	Support	Support	Support	Support	Support	Support	Support
Pass/Fail	Standard	Optional	Optional	Optional	Standard	Standard	Standard
AWG	Support	Support	Support	Support	Support	Not Support	Not Support
MSO	Support 16 digital channels	Support 16 digital channels	Support 16 digital channels	Support 16 digital channels	Support 16 digital channels	Not Support	Support 16 digital channels
Interface	USB Host& Device, LAN, AUX(Pass/Fail, Trigger Out), VGA	USB Host & Device, LAN, AUX (Pass/Fail, Trigger Out) , GPIB (Optional)	USB Host & Device, LAN, AUX (Pass/Fail, Trigger Out), GPIB (Optional)	USB Host & Device, LAN, AUX (Pass/Fail, Trigger Out), GPIB (Optional)	USB Host & Device, LAN, GPIB(Optional), AUX, HDMI	USB Host & Device,LAN, VGA,AUX	USB Host & Device,LAN, VGA,AUX
256-level intensity grading and color temperature display	Support			Support	Support	N/A	Support