



SELECTION GUIDE OF DIGITAL OSCILLOSCOPE



FUNCTION	TYPE	Color Digital Oscilloscope			Mono Digital Oscilloscope			Portable Digital Oscilloscope	Digital Storage Oscilloscope		
		MODEL	DS-1080C	DS-1150C	DS-1250C	DS-1080	DS-1150	DS-1250	OS-310M	OS-3020D	OS-3040D
ANALOG	Display Type	Color LCD	Color LCD	Color LCD	Mono LCD	Mono LCD	Mono LCD	Mono LCD	Mono CRT	Mono CRT	Mono CRT
	Frequency Bandwidth (MHz)	80	150	250	80	150	250	100	20	40	60
	Input Impedance (MΩ)	1	1	1	1	1	1	1	1	1	1
	Acceleration Voltage (kV)	-	-	-	-	-	-	-	1.9	11.5	11.5
	Channels	2	2	2	2	2	2	2	2	2	2
	Traces	2	2	2	2	2	2	2	2	2	2
	Sweeps	A	A	A	A	A	A	A	A&B	A&B	A&B
	Max. Sweep Rate (ns/div)	2	2	2	2	2	2	5	20	20	10
	Readout Cursors	o	o	o	o	o	o	o	o	o	o
DIGITAL	Max. Real-time Sampling Rate (MS/s)	200	200	200	200	200	200	25	20	20	20
	Max. Equivalent time Sampling Rate	25GS/s	25GS/s	25GS/s	25GS/s	25GS/s	25GS/s	5GS/s	20MS/s	20MS/s	20MS/s
	Equivalent Bandwidth (MHz)	80	150	250	80	150	250	100	20	40	60
	Vertical Resolution(bit)	8	8	8	8	8	8	8	8	8	8
	Memory Length(KB/CH)	32	32	32	32	32	32	2	2	2	2
	Pre-trigger, Roll, Pass-Fail	o	o	o	o	o	o	o	o	o	o
	FFT	o	o	o	o	o	o	x	x	x	x
	Hold-off Time	o	o	o	x	x	o	x	o	o	o
	Save & Recall	10	10	10	10	10	10	5	2	2	2
	RS-232C, Printer	o	o	o	o	o	o	o	o	o	o
	USB	o	o	o	o	o	o	x	x	x	x
DMM	3 3/4 digit	x	x	x	x	x	x	o	x	x	x

SELECTION GUIDE OF ANALOG OSCILLOSCOPE



FUNCTION	TYPE	CRT Readout Oscilloscope		REAL - Time Oscilloscope						
		MODEL	OS-5100RA	OS-5100RB	OS-5020	OS-5020G	OS-5030	OS-5040A	OS-5060A	OS-5100
ANALOG	Display Type	6" CRT	6" CRT	6" CRT	6" CRT	6" CRT	6" CRT	6" CRT	6" CRT	6" CRT
	Frequency Bandwidth (MHz)	100	100	20	20	30	40	60	100	
	Input Impedance (MΩ)	1	1	1	1	1	1	1	1	
	Acceleration Voltage (kV)	11.5	11.5	1.9	1.9	1.9	12	10	10.5	
	Channels	4	2	2	2	2	2	2	2	
	Traces	8	4	2	2	2	2	2	2	
	Sweeps	A&B	A&B	A	A	A	A&B	A&B	A&B	
	Max. Sweep Rate (ns/div)	5	5	20	20	20	20	10	20	
	Readout Cursors	o	o	x	x	x	x	x	x	
	Delayed Sweep	o	o	x	x	x	o	o	o	
	Auto Setup	o	o	x	x	x	x	x	x	
GENERATOR	Output Waveforms				single triangle square					
	Output Impedance (Ω)				50					
	Frequency Bandwidth (MHz)				1					

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