



DIGITAL STORAGE OSCILLOSCOPES

Dual trace Oscilloscopes having bandwidth of 100MHz allows observation of constantly varying signal voltage. Ideal for use in R&D Activities, Testing House, Electronics Assembly lines, Electro Mechanical Equipments, Signals & telecommunications amongst others.



* Images are indicative only

TECHNICAL SPECIFICATIONS :

	ST-2042 CE	ST-2062 CE	ST-2102 CE	ST-2025CL	ST-2052CL
Channels		2	2	2	2
Bandwidth	40MHz	60MHz	100 MHz	25MHz	50MHz
Rise Time	≤ 8.7 ns	≤5.8 ns	≤3.5 ns	≤ 14ns	≤ 7ns
Memory Depth	25kpts				
Waveform Acquisition Rate	≥ 2000wfms/s				
Sample Rate	1GS/s			250Ms/s	500Ms/s
Vertical Sensitivity	2mV ~ 5V/div			1mV ~ 20V/div	
Scan Time Base	5ns/div ~ 50s/div			10ns/div ~ 50s/div	5ns/div ~ 50s/div
Storage	Setup, Wave, Bitmap				
Trigger Modes	Edge, Pulse, Video and Alternate				
Ports ,Interface	Standard: USB Device, USB Host, PASS/FAIL. Optional : LAN			USB OTG, Pass/Fail	USB OTG
Mathematics	Add, Subtract, Multiply Divide, FFT				
Applications	College Education, R&D, Electronic product assemble line, Industrial Control etc.				
Display	5.7inches 64k, Full Color LCD 320 x 240			7inches 64k, Full Color LCD 320 x 240	
Conforms to	EN 61010 -031 : 2008				
	150V CAT II - 1 X Position				
	300V CAT II - 10 X Position				

TECHNICAL SPECIFICATIONS :

	ST-2062 CM	ST-2102 CM	ST-4042 C	ST-4062C	ST-4082C
Channels			2		
Bandwidth	60MHz	100MHz	40 MHz	60MHz	80MHz
Rise Time	≤ 5.8 ns	≤3.5 ns	≤8.7 ns	≤ 5.8ns	≤ 4.3ns
Memory Depth	16Mpts		24kpts		
Waveform Acquisition Rate	≥ 15000wfms/s		≥2000wfms/s		
Sample Rate	1GS/s		2GS/s		
Vertical Sensitivity	2mV/div ~ 10V/div		1mV/div ~ 10V/div		
Scan Time Base	2ns/div ~ 50s/div		5ns/div ~ 50s/div		
Storage	Setup, Wave, Bitmap				
Trigger Modes	Edge, Pulse, Video and Alternate		Edge, Pulse, Video and Alternate, LA		
Ports ,Interface	USB Device, USB Host, PASS/FAIL		USB Device, USB Host, PASS/FAIL, LA Interface, Multimeter Interface		
Mathematics	Add, Subtract, Multiply Divide, FFT				
Applications	College Education, R&D, Electronic product assemble line, Industrial Control etc.				
Display	7inches 64k, Full Color LCD 800 x 480		5.7inches 64k, Full Color LCD 320 x 240		
Conforms to	EN 61010 -031 : 2008				
	150V CAT II - 1 X Position				
	300V CAT II - 10 X Position				
Multimeter Specifications			Range		Best Accuracy
DC Voltage (V)			400mV, 4V, 40V, 400V		± (1%+5)
AC Voltage (V)			400mV, 4V, 40V, 400V		± (1.2%+5)
DC Current (A)			4mA, 40mA, 400mA, 4A		± (1%+5)
Resistance (Ω)			400Ω, 4kΩ, 400kΩ, 4MΩ, 40MΩ		± (1.5%+5)
Display Count			3999		
Auto Range			✓		

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TECHNICAL SPECIFICATIONS :

	ST-4102 C	ST-4202 C	ST-4302 C	ST-4104 C	ST-4204 C
Channels			2		
Bandwidth	100MHz	200MHz	300 MHz	100MHz	200MHz
Rise Time	≤ 3.5 ns	≤1.8 ns	≤1.2 ns	≤ 3.5ns	≤ 7ns
Memory Depth			24kpts		
Waveform Acquisition Rate			≥ 2000wfms/s		
Sample Rate			2GS/s		
Vertical Sensitivity	1mV/div ~ 10V/div		2mV/div ~ 5V/div		
Scan Time Base	5ns/div ~ 50s/div	2ns/div ~ 50s/div	1ns/div ~ 50s/div	5ns/div ~ 50s/div	
Storage	Setup, Wave, Bitmap, CSV				
Trigger Modes	Edge, Pulse, Video, Slope, Alternate, LA		Edge, Pluse, Video, Slope, Alternate		
Ports ,Interface	USB Device, USB Host, PASS/FAIL, LA Interface, Multimeter Interface			USB Device, USB Host, Multimeter Interface	
Mathematics	Add, Subtract, Multiply Divide, FFT				
Applications	College Education, R&D, Electronic product assemble line, Industrial Control etc.				
Display	7inches 64k, Full Color LCD 800 x 480		5.7inches 64k, Full Color LCD 320 x 240		
Conforms to	EN 61010 -031 : 2008				
	150V CAT II - 1 X Position				
	300V CAT II - 10 X Position				
Multimeter Specifications	Range		Best Accuracy		
DC Voltage (V)	400mV, 4V, 40V, 400V		± (1%+5)		
AC Voltage (V)	400mV, 4V, 40V, 400V		± (1.2%+5)		
DC Current (A)	4mA, 40mA, 400mA, 4A		± (1%+5)		
Resistance (Ω)	400Ω, 4kΩ, 400kΩ, 4MΩ, 40MΩ		± (1.5%+5)		
Display Count	3999				
Auto Range	✓				

GENERAL CHARACTERISTICS :

	ST-2042 CE	ST-2062 CE	ST-2102 CE	ST-2025CL	ST-2052CL
Power Source	100 - 240VAC 45Hz - 440Hz				
Size	320mm x 150mm x 130mm			306mm x 147mm x 122mm	
Weight	2.5kg			2.2Kg	

GENERAL CHARACTERISTICS :

	ST-2062 CM	ST-2102 CM	ST-4042 C	ST-4062C	ST-4082C
Power Source	100 - 240VAC 45Hz - 440Hz				
Size	330mm x 155mm x 130mm			330mm x 165mm x 165mm	
Weight	2.9kg			3.8Kg	

GENERAL CHARACTERISTICS :

	ST-4102 C	ST-4202 C	ST-4302 C	ST-4104 C	ST-4204 C
Power Source	100 - 240VAC 45Hz - 440Hz				
Size	330mm x 165mm x 165mm				
Weight	3.8Kg				

Item code : ST-2042 CE, ST-2062 CE, ST-2102 CE, ST-2025CL, ST-2052CL

Product Supply Includes : Probe x 2 (1x, 10x switchable), Power Cord, USB Cable, User Manual, PC Software CD

Item code : ST-2062 CM, ST-2102 CM, ST-4042 C, ST-4062C, ST-4082C

Product Supply Includes : Probe x 2 (1x, 10x switchable), Power Cord, Current to Voltage Convertor Module, Test Leads, Logic Analyzer Probe, USB Cable, User Manual, PC Software CD

Item code : ST-4102 C, ST-4202 C, ST-4302 C, ST-4104 C,

Product Supply Includes : Probe x 2 (1x, 10x switchable), Power Cord, Current to Voltage Convertor Module, Test Leads, Logic Analyzer Probe, USB Cable, User Manual, PC Software CD