



● Rich trigger functions



● Up to 100,000 frames waveform record

Key Specifications	MSO3152E	MSO3154E	MSO3252E	MSO3254E	MSO3352E	MSO3354E	MSO3502E	MSO3504E
	UPO3152E	UPO3154E	UPO3252E	UPO3254E	UPO3352E	UPO3354E	UPO3502E	UPO3504E
Bandwidth	150MHz		250MHz		350MHz		500MHz	
Channels	2+16digital/2	4+16digital/4	2+16digital/2	4+16digital/4	2+16digital/2	4+16digital/4	2+16digital/2	4+16digital/4
Sampling rate(analog)	2.5GSa/s(Single channel), 1.25GSa/s(Dual channels)				2.5GSa/s(Single channel), 1.25GSa/s(Dual channels)			
Sampling rate(digital)	1.25GSa/s				1.25GSa/s			
Max. memory depth	70Mpts				70Mpts			
Waveform capture rate	200,000wfms/s				200,000wfms/s			
Time base scale(s/div)	2ns/div~40s/div (Real-time sampling rate, memory depth display)				1ns/div~40s/div (Real-time sampling rate, memory depth display)			
Time base scale(digital)	2ns/div~40s/div(Step by 1-2-4 stall)				1ns/div~40s/div(Step by 1-2-4 stall)			
Input impedance	(1MΩ±1%) (18pF±3pF)				(±1%@1MΩ, ±1.5%@50Ω) (18 pF± 3 pF)			
Input impedance(digital)	(101kΩ±1%) (9pF±1pF)				(101 kΩ±1%) (9 pF ± 1 pF)			
Vertical scale(V/div)	1mV/div~20 V/div(1 MΩ)				1mV/div~10 V/div(1 MΩ); 1mV/div~1V/div(50Ω)			
DC gain accuracy	≤±3%				≤±3%			
Waveform record	100,000 frames				100,000 frames			
Trigger types	Edge, Runt, Window, N th , Delay, Overtime, Duration, Setup/Hold, Pulse Width, Slop, Video, Code; RS232/UART, I2C, SPI, USB(optional), CAN(optional),LIN(optional)							
Bus decode	RS232/UART, I2C, SPI, CAN(optional),LIN(optional),FlexRay(optional)							
Mathematical operations	A+B, A-B, A×B, A/B, FFT, editable advanced and logical operations digital filtering							
Auto measurements	Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, CycRMS, Period, Freq, Rise, Fall, RiseDelay, FallDelay, +Width, -Width, FRR, FRF, FFR, FFF, LRF, LRR, LFR, LFF, +Duty, -Duty, Area, CycArea, OverSht, PreSht, Phase, 34 parameters in total. Digital channel: Freq, Period, +Width, -Width, +Duty, -Duty, RiseDelay A→B, FallDelay A→B, Phase A→B, Phase B→A							
Number of measurements	Display 5 measurements at the same time							
Measurement statistics	Average, Max, Min, standard deviation, number of measurements				Average, Max, Min, standard deviation, number of measurements			
Frequency counter	7 bits				7 bits			
Standard interfaces	USB Host, USB Device, LAN, EXT Trig, AUX Out (Trig Out, Pass/Fail), AWG(Only MSO3000E),UT-M12(Optional), VGA							
Power	100V~240V AC, 50Hz/60Hz							
Display	8 inch TFT LCD, WVGA(800x480)							
Product net weight	4.2kg							
Product size(W×H×D)	370mm x 195mm x 125mm							
Standard quantity per carton	2pcs							
Standard carton size	470mm x 425mm x 300mm							
Standard carton gross weight	12.5kg							