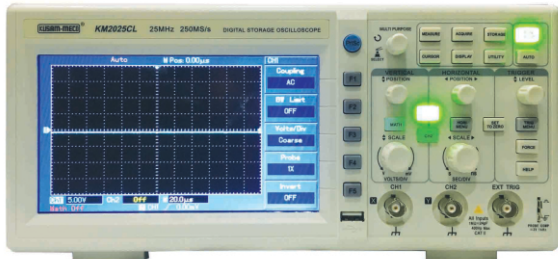


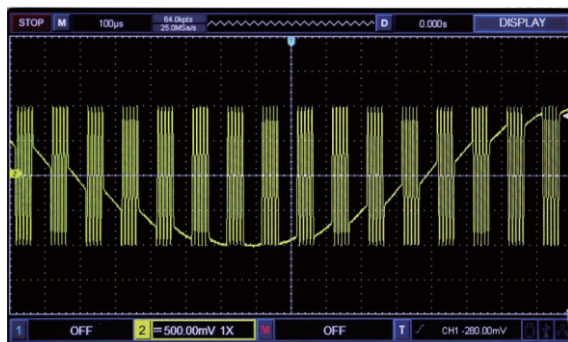
Digital Storage Oscilloscopes

KM2000CL Series

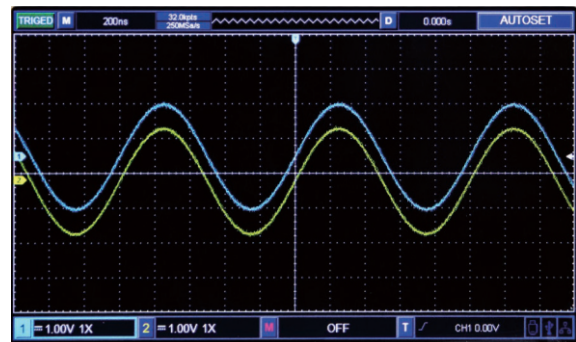
Model KM2025CL / KM2052CL+



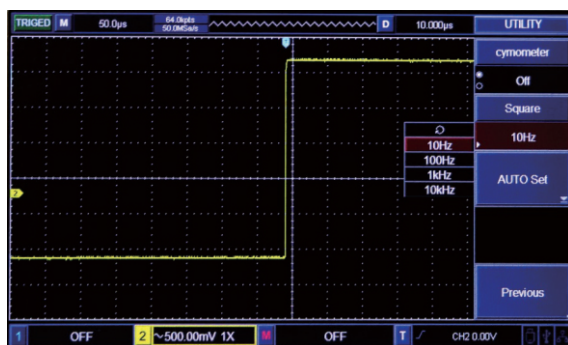
The KM2000CL Series is a market-proven economical digital oscilloscope. This series of digital oscilloscopes has excellent technical indicators and can meet the main needs of basic testing. The front panel design is clear and intuitive fully in line with the traditional instrument usage habits, and is convenient for users to operate.



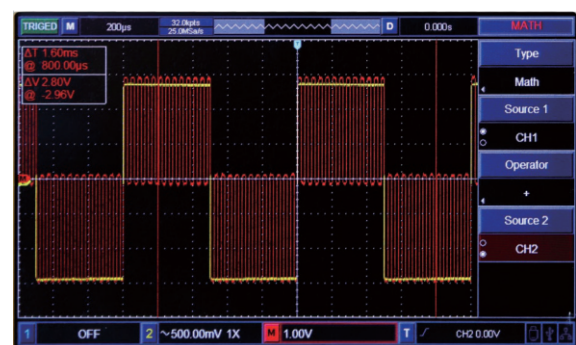
- Wider display range 8div×16div



- New autoset function, easy to handle complex test scenarios



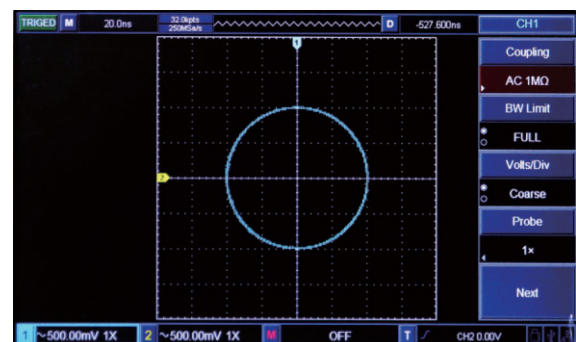
- Multiple frequency output standard square wave optional



- Abundant math functions: math operation, FFT, digital filtering



- Automatic measurement of waveform parameters



- Lissajous figure phase measurement

All Specifications are subject to change without prior notice

TECHNICAL SPECIFICATIONS

Models	KM 2025CL	KM 2052CL+
Bandwidth	25MHz	50MHz
Channels	2	
Sampling rate	250MSa/s	500MSa/s
Rise Time	<14ns	<7ns
Memory depth	25kpts	
Waveform capture rate	>2,000wfms/s	
Vertical scale (V/div)	1mV/div~20V/div	
Time base scale (s/div)	10ns/div~50s/div	5ns/div~50s/div
Timing accuracy	$\leq \pm (50+2 \times \text{service life}) \text{ ppm}$	
Time base modes	Y-T, X-Y, Roll	
Storage methods	Setup, wave, bitmap	
Trigger types	Edge, pulse, video (UTD2025CL) alternate	
Mathematical operations	A+B, A-B, A×B, A/B, FFT	
Auto measurements	Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, CycRMS, Period, Freq, Rise, Fall, RiseDelay, FallDelay, +Width, -Width, +Duty, -Duty, (UTD2052/25CL)FRR, FRF, FFR, FFF, LRF, LRR, LFR, LFF, Area, CycArea, OverSht, PreSht, Phase, 34 parameters in total	
Number of measurements	Display 5 measurements at the same time	
Frequency counter	6 bits	
Standard interfaces	USB OTG, Pass/Fail	
Power Supply	100-240V AC, 45-440Hz	
Display	7 inches TFT LCD, 800×480	
Weight	2.2kg	
Dimension (W×H×D)	306mm x 147mm x 122mm	
Accessories	Power cord , UT-D15 :USB interface cable UT-P03: Passive probe x 2 (1 x, 10 x switchable, 60MHz)(KM 2052CL) UT-P01 Passive probe x 2 (1 x, 10 x switchable, 25MHz)(KM2025CL)	

All Specifications are subject to change without prior notice



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