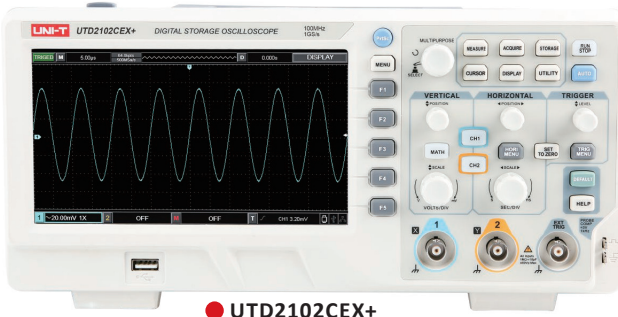


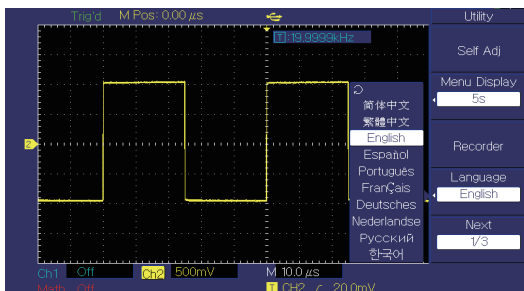
UTD2000CEX Series NEW

Digital Storage Oscilloscopes

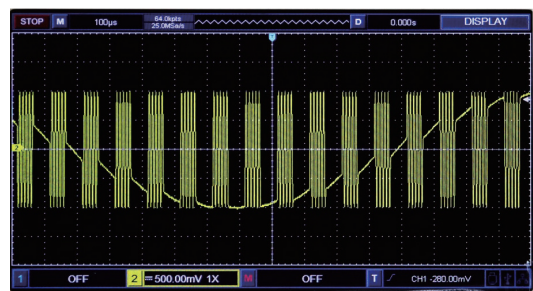


UTD2000CEX Series is the value leader of high performance economical oscilloscope 1GSa/s sampling rate and big screen. As it is widely loved by customers, the Series has been extended to three sub-series such as CEX/CEX+/CEX-II to meet the diversified needs of customers.

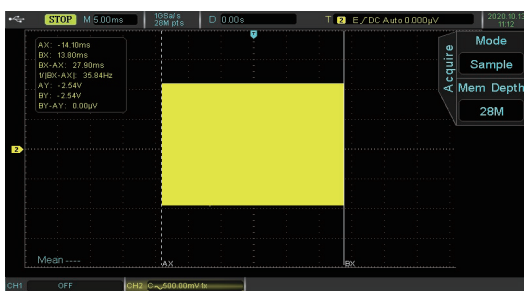
The classical CEX Series is a great entry for value oscilloscope requirements with features including FFTs, record and replay, roll mode, alternate trigger mode. The CEX+ provides a richer trigger mode, 34 kinds of automatic parameter measurement and common mathematical operation functions, and optimizes the panel operation, which greatly improves the work efficiency and can easily cope with the measurement needs of complex signals. The CEX-II waveform capture rate up to 20,000wfms/s, upgrade to 8-inch screen to help observe more waveform details.



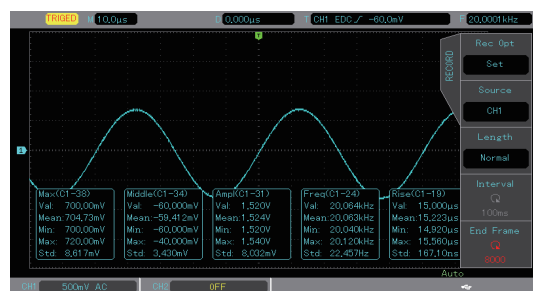
• Multilingualism to meet the needs of more users in countries



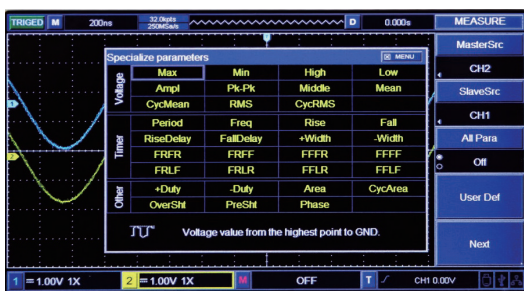
• Wider display range 8divx16div



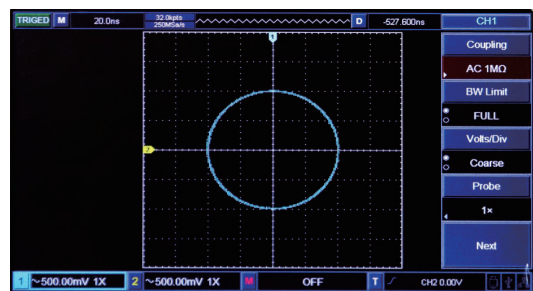
• 28Mpts storage depth



• Waveform recording function



• Automatic Measurement of Waveform Parameters



• Lissa Jous's Waveform Phase Measurement

Technical Specifications	UTD2052CEX	UTD2072CEX	UTD2102CEX	UTD2072CEX-II	UTD2102CEX-II	UTD2102CEX+	UTD2202CEX+
Certificates (UTD2000CEX only)	CE, ROHS, cETLus						
Channels	2						
Bandwidth	50MHz	70MHz	100MHz	70MHz	100MHz	100MHz	200MHz
Sampling rate	1GSa/s						
Memory depth	25kpts	25kpts	25kpts	25kpts	25kpts	64kpts	64kpts
Waveform capture rate	≥2,000wfms/s	≥2,000wfms/s	≥2,000wfms/s	≥20,000wfms/s	≥20,000wfms/s	≥5,000wfms/s	≥5,000wfms/s
Rise time	<7ns	<5ns	<3.5ns	<5ns	<3.5ns	<3.5ns	<1.7ns
Vertical scale (V/div)	1mV/div~20V/div						
Vertical resolution	8bits						
Time base scale (s/div)	2ns/div~50s/div						
Deviation from scope	±10div (away from screen center)			±8div(away from screen center)		±8div(away from screen center)	
Input impedance	1MΩ±2%, 24±3pF			1MΩ±1%, 22pF±3pF		1MΩ±2%, 18±3pF	
Input coupling	DC, AC, GND						
Timing accuracy	≤± (50+2 × service life)ppm						
Time base mode	Y-T, X-Y, Roll						
Storage methods	Setup, wave, bitmap						
Trigger types	Edge, Pluse, Alternate			Edge, pulse width, slope, video, runt, Over amplitude		Edge, pulse, alternate,Slope, video	
Mathematical operations	+, -, ×, ÷			+, -, ×, ÷, FFT,logic operation		+, -, ×, ÷, FFT	
Auto measurements	23 types			34 types			
Displayed measurements	Display 5 measurements at the same time						
Frequency counter	6 bits						
Interface	USB OTG			USB-OTG, Pass/Fail		USB Device, USB Host, Pass/Fail	
Power	100-240VAC, 45-440Hz						
Display	7 inches TFT LCD, 800×480			8 inches TFT LCD, 800×480		7 inches TFT LCD, 800×480	
Product net weight	2.2kg			3.5kg		2.5kg	
Product size	306mm ×147mm × 122mm			336mm×164mm×108mm		306mm×138mm×124mm	
Standard quantity per carton	2pcs						
Standard carton measurement	450mm x 420mm x 280mm						
Standard carton gross weight	7.1kg			8kg		7.5kg	

Ordering Information

UTD2000CEX+	UTD2202CEX+: 200MHz,1GSa/s,64kpts,2-Channel
	UTD2102CEX+: 100MHz,1GSa/s,64kpts,2-Channel
UTD2000CEX-II	UTD2102CEX-II: 100MHz,1GSa/s,25kpts,2-Channel,8 inches
	UTD2072CEX-II: 70MHz,1GSa/s,25kpts,2-Channel,8 inches
UTD2000CEX	UTD2102CEX: 100MHz,1GSa/s,25kpts,2-Channel
	UTD2072CEX: 70MHz,1GSa/s,25kpts,2-Channel
	UTD2052CEX: 50MHz,1GSa/s,25kpts,2-Channel
Standard Accessories	Power cord conforming to the standard of the destination country
	UT-D14: USB interface cable(UTD2000CEX+)
	UT-D15: USB interface cable(UTD2000CEX/CEX-II)
	UT-P03: Passive Probe x 2 (1 x , 10 x switchable,60MHz,)
	UT-P04: Passive Probe x 2 (1 x , 10 x switchable,100MHz,)
	UT-P05: Passive Probe x 2 (1 x , 10 x switchable,200MHz,)