

UTD2000CEX Series

Digital Storage Oscilloscopes

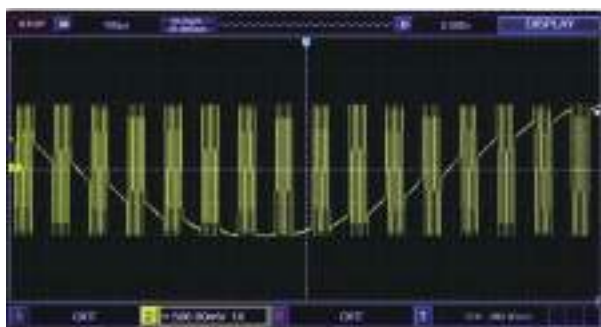


Features

- 100/200MHz bandwidth
- 2 channels, low noise floor, wide vertical range: 1mV/div~20V/div
- Memory depth: 64kpts
- System software upgrade via USB drive
- 7 inches TFT LCD
- Supports plug-and-play USB storage device; communication with and remote control of computer through the USB device

● UTD2202CEX+

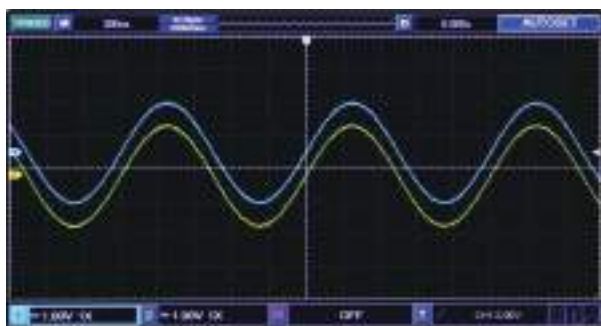
Application features



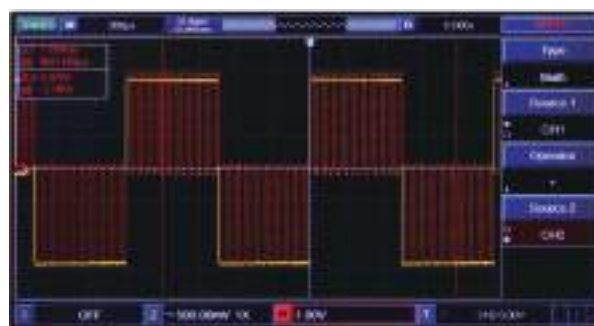
Wider display range 8div × 16div



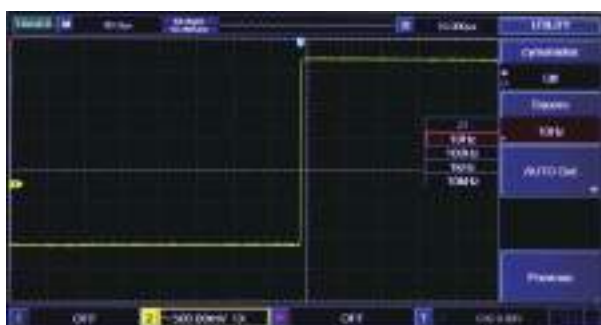
Automatic Measurement of Waveform Parameters



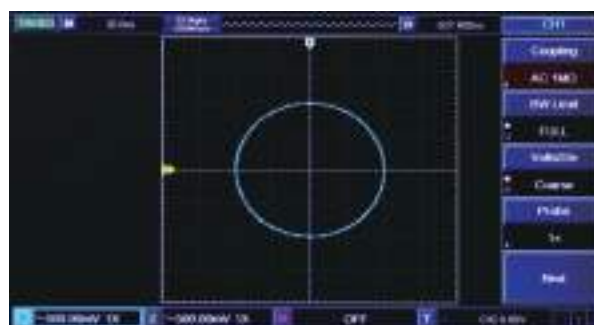
New autoset function, easy to handle complex test scenarios



Abundant math functions: math operation, FFT, digital filtering



Multiple frequency output standard square wave optional



Lissajous figure phase measurement

Technical Specifications		
Model	UTD2102CEX+	UTD2202CEX+
Bandwidth	100MHz	200MHz
Channels	2	
Sampling rate	1GS/s	
Memory depth	64kpts	
Waveform capture rate	≥5,000wfms/s	
Vertical scale (V/div)	1mV/div~20V/div	
Vertical resolution	8bit	
Rise time	3.5ns	1.7ns
Time base scale (s/div)	2ns/div~50s/div	
Deviation from scope	±8div(away from screen center)	
Input impedance	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, pulse, alternate, Slope, video	
Mathematical operations	+, -, ×, ÷, FFT	
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	
Displayed measurements	Display 5 measurements at the same time	
Frequency counter	6 bits	
Interface	USB Host, USB Device, Pass/Fail	
General Characteristics		
Power	100-240VAC, 45-440Hz	
Display	7 inches TFT LCD, WVGA (800×480)	
Product color	White and grey	
Product net weight	3.5kg	
Product size	336mm×164mm×108mm	
Standard quantity per carton	2pcs	
Standard carton measurement	450mm x 420mm x 280mm	
Standard carton gross weight	8kg	
Ordering Information		
UTD2000CEX+	200MHz,1GS/s,64kpts,2-Channel	UTD2202CEX+
	100MHz,1GS/s,64kpts,2-Channel	UTD2102CEX+
Standard Accessories	Power cord conforming to the standard of the destination country	/
	USB interface cable	UT-D14
	Passive Probe x 2 (1 x , 10 x switchable,100MHz,)	UT-P04
	Passive Probe x 2 (1 x , 10 x switchable,200MHz,)	UT-P05
	User Manual and Software Download Guide	/