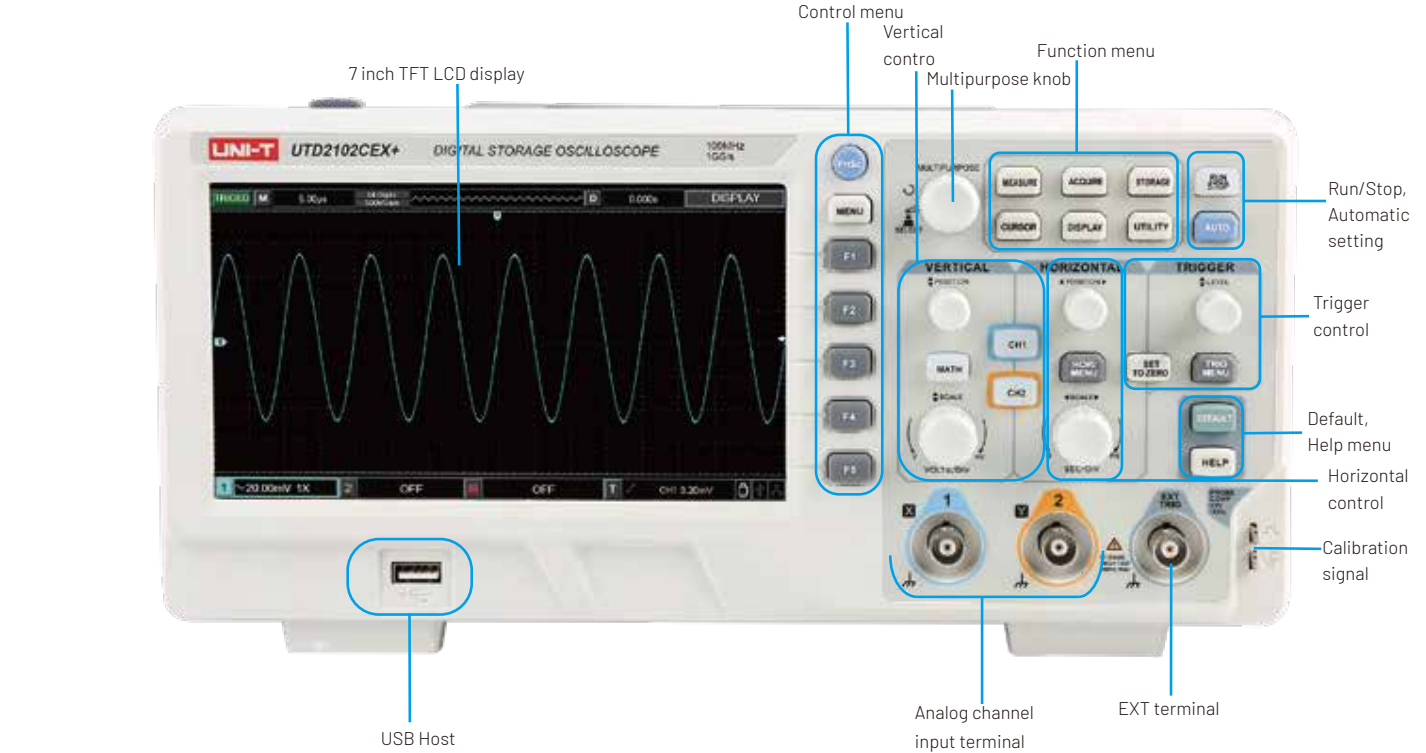
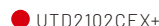


# Data Sheet

UTD2000CEX+ Series Digital Oscilloscopes

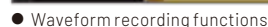
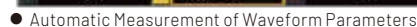
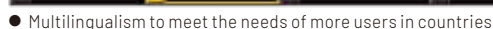
Panel Structure





- 50/100/200MHz bandwidth
- 2 channels, low noise floor, wide vertical range:  
1mV/div~20V/div
- Memory depth: 64kpts
- System software upgrade via USB drive

- 7 inch TFT LCD
- Supports plug-and-play USB storage device;  
communication with and remote control of computer  
through the USB device



Key Specifications	UTD2052CEX+	UTD2102CEX+	UTD2202CEX+
Bandwidth	50MHz	100MHz	200MHz
Channels	2		
Sampling rate	1GSa/s		
Memory depth	64kpts		
Waveform capture rate	5,000wfms/s		
Rise time	<7ns	<3.5ns	<1.8ns
Vertical scale(V/div)	1mV/div~20V/div		
Vertical resolution	8bit		
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 paramet ers in total		
Displayed measurements	Display 5 measurements at the same time		
Frequency counter	6 bits		
Interface	USB Host,USB Device,Pass/Fail		
Power	100-240VAC, 45-440Hz		
Display	7 inch TFT LCD, 800×480		
Product color	White and grey		
Product net weight	2.5kg		
Product size(W×H×D)	306mm×138mm×124mm		
Standard quantity per carton	2pcs		
Standard carton size	450mm x 420mm x 280mm		
Standard carton gross weight	7.5kg		

Ordering Information	
UTD2000CEX+	UTD2202CEX+:200MHz,1GSa/s,64kpts,2-Channel
	UTD2102CEX+:100MHz,1GSa/s,64kpts,2-Channel
	UTD2052CEX+:50MHz,1GSa/s,64kpts,2-Channel
Standard Accessories	Power cord conforming to the standard of the destination country
	UT-D14:USB interface cable
	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)

## Warranty

Three-years warranty, excluding probes and accessories.

To protect your investment, please purchase from UNI-T official authorized global distributors.

## Contact UNI-T

UNI-T group maintains a wide products category includes Digital Test & Measurement instruments, Field Testing Meter, Infrared thermal imaging products. As early as 2008, we continue to introduce self-developed Digital Test and Measurement instruments to the market and have made remarkable achievements. At present, we have formed a variety of product lines of Oscilloscope, AWG, Spectrum Analyzer, Bench Multi-meter, Power Supply, DC Load, Power Meter, LCR Meter, Micro Ohm Meter and Data logger.

UNIT/MKT-TMI-SC/AL-2303-043

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