UNI-T®

UTD2000CEXSeries Digital Storage Oscilloscope

● Introduction

UTD2000CEX is a double channel 100MHz bandwidth, the maximum sampling rate of 1GS/s economic digital storage oscilloscope, to meet the key needs of basic measurement, simple and clear front panel design, more convenient for users to operate.
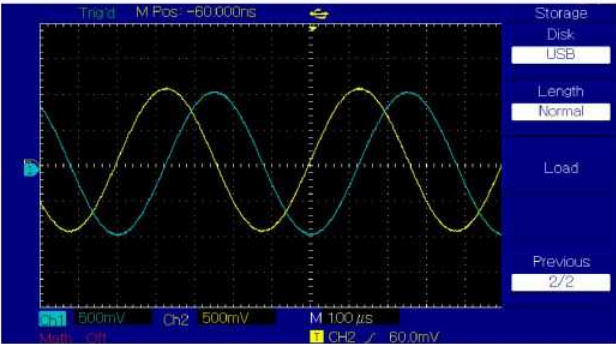
● Features

●50/70/100MHz bandwidth ,1GSa/s real-time sampling rate,2 channels
●Low bottom noise, wide range vertical gear 1 mv/div~20 v/div
●multiple national languages
●Supports plug-and-play USB storage device. Communication with and remote control of computer through the USB device
●USB drive system software upgrade
●Storage of waveform setups and interface waveform and setup reproduction
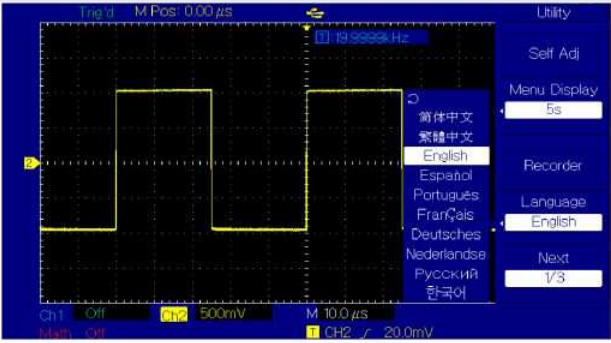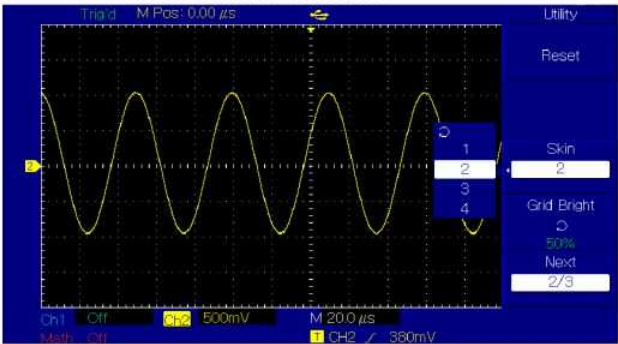●7 inch widescreen LCD display

Application features

Multiple automatic parameter measurements

Multilingualism to meet the needs of more users in countries

USB drive system software upgrade and Storage of waveform setups

Simple and clear multiple style interfaces bring different experiences

Technical Specifications

model		UTD2052CEX	UTD2072CEX	UTD2102CEX
Channels		2		
Bandwidth		50MHz	70MHz	100MHz
Sample Rate		1 GS/s		
Rise Time		≤7ns	≤5ns	≤3.5ns
Memory Depth		25kpts		
Waveform Acquisition Rate		≥2,000wfms/s		
Vertical Sensitivity (V/div)		1mV/div ~ 20V/div		
Timebase Range (s/div)		2ns/div ~ 50s/div		
Storage		Setup, Wave, Bitmap		
Tigger				
Trigger frequency meter		6 bit		
Trigger Modes		Edge, Pluse, Alternate		
Range of trigger level	Interior	From The screen center ±5div		
	EXT	±3V		
Hold-off Range		80ns ~ 1.5s		
Edge Tigger				
Edge Type		Rise,Fall,rise&fall		
Pluse width trigger				
Tigger mode		> = <		
Pluse width range		20ns ~ 10s		
Alternating trigger				
CH1		Edge, Pluse		
CH2		Edge, Pluse		
Measure				
Cursor	manual mode	Voltage difference between cursor（ΔV）, time difference between cursor（ΔT）, reciprocal of ΔT（Hz）（1/ΔT）		
	Tracking pattern	Voltage and time values of waveform points		
	automatic mode	Display cursor for automatic measurement		
automatic measurement		Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, CycRMS, Period, Freq,Rise, Fall, RiseDelay, FallDelay, +Width, -Width,+Duty, -Duty,Delay		
Math		'+, -, ×, ÷ opposition		
Waveform Storage		20 sets of waveforms，20 sets waveforms		
FFT	Window	Hanning，Hamming，Blackman，Rectangular		
	sampling point	1024 points		
Figure Li Shayu	Bandwidth	50MHz/70MHz/100MHz		
	phase difference	±3 degrees		
Interface	USB OTG			
General Characteristics				
Power		100V ~ 240VACrms，50Hz/60Hz		
Display LCD		7in-ch TFT LCD ,WVGA(800×480)		
Product Color		White and grey		
Product Net Weight		2.2 kg		
Product Size (W×H×D)		306mm×134mm×122mm		
Standard Quantity Per Carton		2 Pcs		
Standard Carton Measurement (L×W×H)		450mm× 420mm × 280mm		
Standard Carton Gross Weight		8.5 kg		
Ordering Information				
UTD2000CEX		UTD2102CEX (100MHz，25Kpts，2-Channel)		UTD2102CEX
		UTD2072CEX (70MHz，25Kpts，2-Channel)		UTD2072CEX
		UTD2052CEX (50MHz，25Kpts，2-Channel)		UTD2052CEX
Standard Accessories		Power cord conforming to the standard of the destination country		/
		USB interface cable		UT-D05
		Passive Probe x 2 (1 x , 10 x switchable，100MHz，)		UT-P04
		Quick Guide		/
		Product warranty		/
		Communications control software		/