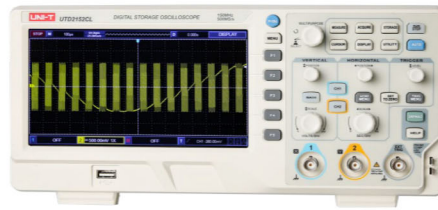


# UTD2000CL Series Digital Storage Oscilloscope



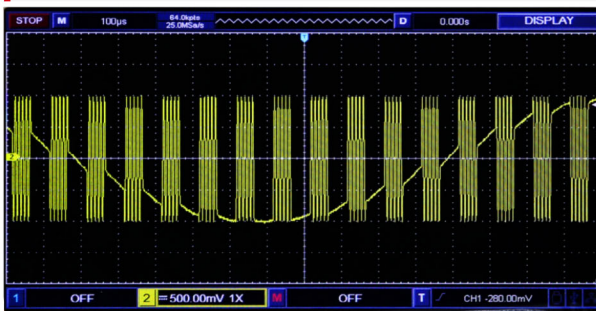
## ◆ Introduction

The New UTD2000CL series is an economical desktop digital storage oscilloscope that meets the key requirements of basic measurement. The simple and clear front panel design is more convenient for users to operate. UTD2000CL series is equipped with 70MHz/150MHz bandwidth, real-time sampling rate is 500MS/s, 2 models are provided with dual channels, standard storage depth is 64kpts

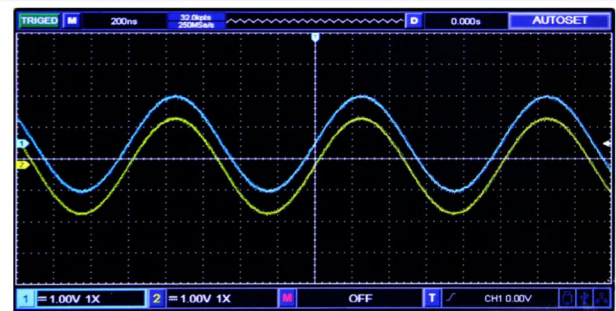
## ◆ Features

- 70MHz/150MHz 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

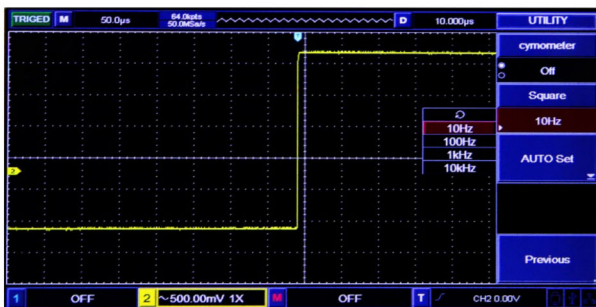
## Application features



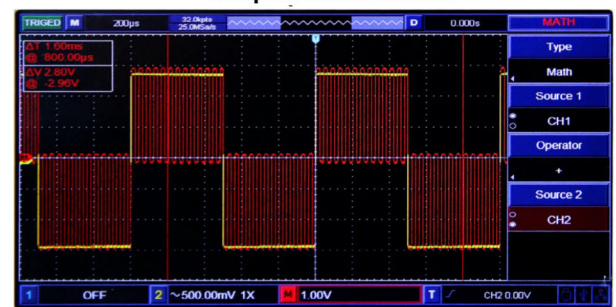
Wider display range 8div×16div



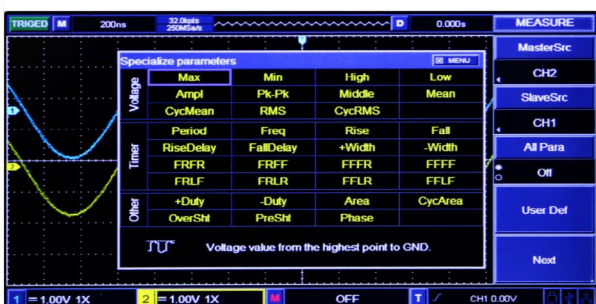
New autoset function, easy to handle complex test scenarios



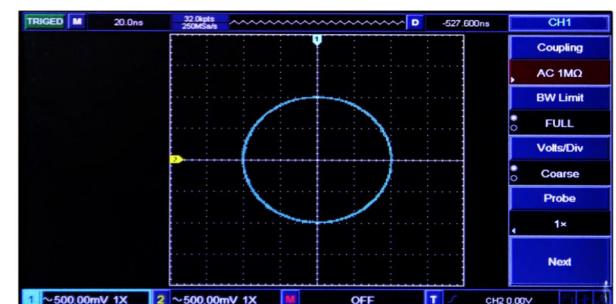
Multiple frequency output standard square wave optional



Abundant math functions: math operation, FFT, digital filtering



Automatic measurement of waveform parameters



Lissajous figure phase measurement

## Technical Specifications

Model	UTD2072CL	UTD2152CL
Channels	2	
Bandwidth	70MHz	150MHz
Sampling rate	500MS/s	
Rise time	< 5ns	<2.4ns
Memory depth	64kpts	
Waveform capture rate	> 5, 000wfms/s	
Vertical scale (V/div)	1mV/div~20V/div	
Time base scale (s/div)	2ns/div~50s/div	
Timing accuracy	$\leq \pm (50+2 \times \text{service life})$ ppm	
Time base modes	Y-T, X-Y, Roll	
Storage methods	Setup, wave, bitmap	
Trigger types	Edge, pulse, alternate, slope, video	
Mathematical operations	A+B, A-B, A×B, A/B, FFT	
Auto measurements	Max, Min, High, Low, Ampl, Pk-Pk, Middle, Mean, CycMean, RMS, C ycRMS, Period, Freq,Rise, Fall, RiseDelay, FallDelay, +Width, -Width, +Duty, -Duty,(UTD2052/25CL)FRR, FRF, FFR, FFF, LRF, LRR, LFF, Area, CycArea, OverSht, PreSht, Phase, 34 paramet ers in total	
Number of measurements	Display 5 measurements at the same time	
Frequency counter	6 bits	
Standard interfaces	USB OTG, Pass/Fail	

## General Characteristics

Power	100-240V AC, 45-440Hz
Display	100-240V AC, 45-440Hz
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	8kg

## Ordering Information

UTD2000CL Series	UTD2152CL (150MHz, 500MS/s, 64kpts, 2-Channel), UTD2152CL
	UTD2072CL (70MHz, 500MS/s, 64kpts, 2-Channel), UTD2072CL
Standard Accessories	Power cord conforming to the standard of the destination country
	USB interface cable(UTD2152CL,UTD2072CL), UT-D14
	Passive probe x 2 (1 x, 10 x switchable, 200MHz)UTD2152CL, UT-P05
	Passive probe x 2 (1 x, 10 x switchable, 100MHz)UTD2072CL, UT-P04

Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:  
<http://unitrend.oss-cn-hongkong.aliyuncs.com/20220526/1653550587316028.pdf>