

INTRODUCTION

The 2C23T is a 3 In 1 10MHz 2CH digital oscilloscope, built in 2MHz signal generator and 10000 count multimeter with 3000mAh battery. It's high cost performance tool and widely used by high college students, tech amateurs and maintenance groups for daily learning and testing. Except exciting performances, excellent appearance and friendly UI interface are also its advantage to catch attentions in the market.

FEATURES

- 10MHz bandwidth, 50MSa/s sampling rate, 2CH digital oscilloscope
- 2.8-inch TFT Real Color Screen
- Built in double fuse
- Built-in 2MHz MAX Waveform Generator with 12 types signal output
- Built-in 4 bit digit multimeter
- 6 hours standby time with 3.7V / 3000mAh lithium battery
- Languages: English, Russian, Spanish, Portuguese, Deutsch, Korean, Japanese, Chinese



FNIRSI™ 3in1

DOUBLE THE EFFICIENCY OF USING FULLY FUNCTIONAL TOOL

Oscilloscope + Multimeter + Signal Generator

- Dual channel 2X10MHz bandwidth
- 50MS/s real-time sampling rate
- 7 signal waveforms
- 9999 Counting

WIDELY APPLICABLE FOR + PRECISE MEASUREMENT

220V mains power measurement

Switching power supply measurement

DUAL CHANNEL 10MHZ ANALOG BANDWIDTH 50M SAMPLING RATE

SIGNAL GENERATOR FUNCTION INTRODUCTION

- ▶ Output waveform: sine wave, square wave, triangular wave, full wave, half wave, noise wave, DC
- ▶ Output frequency: 1Hz-2MHz
- ▶ Output amplitude: 0.1-3.3V

Signal Generator

SINE

SQUARE

TRIANGLE

Half-wave

Full-wave

FREQ 01000 Hz

Duty 50 %

AMP 3.3 V

Signal Generator

SINE

SQUARE

TRIANGLE

Half-wave

Full-wave

FREQ 01000 Hz

Duty 50 %

AMP 3.3 V

DUAL CHANNEL OSCILLOSCOPE MULTIMETER


2*10MHZ BANDWIDTH

4 DIGITS 10000 TRUE RMS

INTELLIGENT ANTI BURNING

FIRMWARE UPGRADES


Dual channel oscilloscope multimeter



TECHNICAL SPECIFICATIONS

Oscilloscope

Bandwidth	10MHz	Channels	2CH
Sampling Rate	50MSa/s	Memory depth	32kpts
Vertical Sensitivity	20mV/div-10V/div	Input Impedance	1MΩ
Time Base Scale	50ns/div-10s/div	Trigger Types	Auto/Normal/Single
Auto Measurements	Max, Min,Avg, RMS, Peak, Pk-Pk, Freq, Cycle, Time+, Time-, Duty+, Duty- 12 types		

Waveform Generator

Max Frequency	2MHz	Channels	1CH
Sampling Rate	100MSa/s	Resolution	1Hz
Vertical Resolution	8 digit	Wave Length	512pts
Waveforms	sine, square, triangle, half wave, full wave, noise wave, DC signal; 7 types		

Digit Multimeter

Reading Resolution	4 bit	Display Count	10000 Count
DC Voltage (V)	9.999V/99.99V/999.9V ±(0.5%+3)	AC Voltage (V)	9.999V/99.99V/750.0V±(1%+3)
DC & AC Current (A)	DC: 9999uA/99.99mA/999.9mA/9.999A ±(1.2%+3) AC: 9999uA/99.99mA/999.9mA/9.999A ±(1.5%+3)		
Resistance (Ω)	999.9Ω/9.999kΩ/99.99kΩ/999.9kΩ/9.999MΩ Acc: ±(0.5%+3); 99.99MΩ Acc: ±(1.5%+3)		
Capacitance (F)	9.999nF/99.99nF/999.9nF/9.999μF/99.99μF/999.9μF Acc: ±(2.0%+5); 9.999mF/99.99mF Acc: ±(5.0%+20)		
Frequency (Hz)	9.999Hz/99.99Hz/999.9Hz/9.999kHz/99.99kHz/999.9kHz/9.999MHz Acc: ±(0.1%+2)		
Temperature	(-55~1300°C)/(-67~2372°F) Acc: ±(2.5%+5)		
Diode	✓	Continuity Test	✓
NCV	✓	Live	✓

GENERAL CHARACTERISTICS

Product Color	Blue & Black	Product Net Weight	300g
Product Size	167x89x35mm	Standard Carton	54*29*45cm
Display	2.8-inch TFT Real Color Screen (320*240)	Carton Gross Weight	14.4kg
Battery	3.7V, 3000mAh, Lithium battery, Standby time 6 hours	Quantity Per Carton	20PCS
Standard Accessories	Main device*1, 10× Probe*1, Multimeter Probe*1, Crocodile Clip Probe*1, Data Cable*1, Manual*1		