

Handheld 3 in 1 Oscilloscope 2C23T

FNIRSI | FNIRSI-2C23T
Dual channel oscilloscope multimeter

DUAL CHANNEL OSCILLOSCOPE MULTIMETER



Introduction

2C23T is a 3 In 1 digital oscilloscope, it looks like a smart meter with unique appearance, and sure it is. 10MHz 2CH oscilloscope and 2MHz signal generator is integrated in, as well as an 10000 count multimeter. Built in 3000mAh battery and in portable size, makes it a 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

- 1- 10MHz bandwidth, 50MSa/s sampling rate, 2CH digital oscilloscope
- 2- Built in double fuse
- 3- Built-in 10MHz MAX Waveform Generator with 12 types signal output
- 4- Built-in 4½ bit digit multimeter
- 5- 4 hours standby time with 3.7V/4000mAh lithium battery
- 6- Languages: English, Russian, Spanish, Portuguese, Deutsch, Korean, Japanese, Chinese

Application features

DOUBLE THE EFFICIENCY OF USING FULLY FUNCTIONAL TOOL

2CH Channel 20MHz Bandwidth
4 1/2 Digit True RMS
Signal Generator
10000 Count

DUAL CHANNEL 10MHZ ANALOG BANDWIDTH 50M SAMPLING RATE

The two isolated channels of the oscilloscope are independent, avoiding interference between each other and making signal detection more accurate.

WIDELY APPLICABLE FOR + PRECISE MEASUREMENT

220V mains power measurement
Switching power supply measurement

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

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, Pk-Pk, Freq, Cycle, Duty 8 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)	9999uA/99.99mA/999.9mA/9.999A +(1.2%+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 size	167x89x35mm
Display	2.8-inch TFT Real Color Screen (320*240)
Battery	3.7V, 3000mAh, Lithium battery, Standby time 6 hours
Standard accessories	Main device*1, P6100 Probe*1, Multimeter Probe*1, Ordinary Probe*1, Data Cable*1, Manual*1
Product net weight	0.3kg
Standard carton	53.5*28.5*45cm
Carton gross weight	13.3kg
Quantity per carton	20pcs