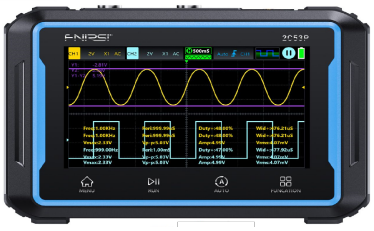
Tablet 3 in 1 Oscilloscope 2C53P





Introduction

2C53P is 3 in 1 tablet screen-touch oscilloscope. In handheld portable size, it is built in 50MHz oscillosope testing10 common parameters, 19999 count true RMS Multimeter, as well as 10MHz Waveform generator output 10 types function signals. IPS Touchscreen brings perfect operating and shows vivid waveforms. Multifunctions make it an excellent device for maintenance groups and students in electronics field. Fashionable, concise appearance and friendly UI interface become its additional advantages to be popular in the market.

Features

1- 4.3 inch Glass IPS Touch screen
2- 50MHz bandwidth, 250MSa/s sampling rate, 2CH digital oscilloscope
3- Built-in 10MHz MAX Waveform Generator with12 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



Technical Specifications

Oscilloscope

Bandwidth	50MHz	**Channels**	2CH
Sampling rate	250MSa/s	**Memory depth**	64kbit
Limited bandwidth	20MHz	**Input Coupling**	DC, AC
Vertical sensitivity	10mv/div - 10v/div	**Trigger types**	Auto/Normal/Single
Time base scale	10ns/div - 10s/div	**Input impedance**	1MΩ
Max input voltage	±400V	**Waveform math**	+, -, ×, ÷, reverse, ABS, FFT
Auto measurements	Period, freq, Pk-Pk, Max, Min, Avg, RMS, Ampl, Duty Cycle, Pulse Width 10 types		

Waveform Generator

Max frequency	10MHz	**Channels**	2CH
Sampling rate	100MSa/s	**Resolution**	1Hz
Vertical resolution	8 digit	**Wave Length**	512pts
Waveforms	Sine, square, sawtooth, half wave, full wave, positive step, negative step, DC signal, exponential rise, exponential fall, multitone, and sync pulse; 12 types		
Frequency Characteristics	Sin: 1Hz~10MHz	Square: 1Hz~5MHz	
	Sawtooth:1Hz~10MHz	Half wave: 1Hz~5MHz	
	Full wave:1Hz~5MHz	Other 7 waves: 1Hz~5MHz	

Digit multimeter

Reding resolution	4½	**Display count**	19999 count
DC voltage (V)	1.9999V/199.99V/1000V ±(0.5%+3)	**AC voltage (V)**	1.9999V/199.99V/750.0V ±(1%+3)
DC current (A)	19.999mA/199.99mA/1.9999A/9.999A ±(1.2%+3)	**AC current (A)**	19.999mA/199.99mA/1.9999A/9.999A ±(1.5%+3)
Resistance (Ω)	199.99Ω/1.9999KΩ/19.999KΩ ±(1.5%+3); 199.99KΩ/1.9999MΩ/19.999MΩ ±(0.5%+3)		
Capacitance (F)	9.999nF/99.99nF/999.9nF/9.999μF/99.99μF/999.9μF ±(2.0%+5); 9.999mF/99.99mF ±(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

Languages	English, Russian, Spanish, Portuguese, Deutsch, Korean, Japanese, Chinese
Product color	Blue & Black
Product size	145x98x35mm
Display	4.3-inch IPS Tempered Glass Touchscreen (480 x 272)
Battery	3.7V, 4000mAh, Lithium battery, Standby time 4 hours
Standard accessories	Main device*1, P6100 Probe*2, Alligator Clip Probe *1, Multimeter Probe*1, Data Cable*1, Manual*1
Product net weight	0.36kg
Standard carton	48*29.5*38cm
Carton gross weight	15.5kg
Quantity per carton	20pcs