

INTRODUCTION

The 2C53P is 3 in 1 tablet screen-touch oscilloscope. In handheld portable size, it is built in 50MHz oscilloscope testing 10 common parameters, 20000 count true RMS Multimeter, as well as 10MHz Waveform generator output 10 types function signal. IPS Touch-screen 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

- 4.3 inch Glass IPS Touch screen
- 50MHz bandwidth, 250MSa/s sampling rate, 2CH digital oscilloscope
- Built-in 10MHz MAX Waveform Generator with 12 signals output
- Built-in 4½ bit digit multimeter
- 4 hours standby time with 3.7V/4000mAh lithium battery
- Languages: English, Russian, Spanish, Portuguese, Deutsch, Korean, Japanese, Chinese



3 IN 1 DUAL CHANNEL DIGITAL OSCILLOSCOPE & MULTIMETER



**BANDWIDTH
50MHZ**



**4½-DIGIT
MULTIMETER**



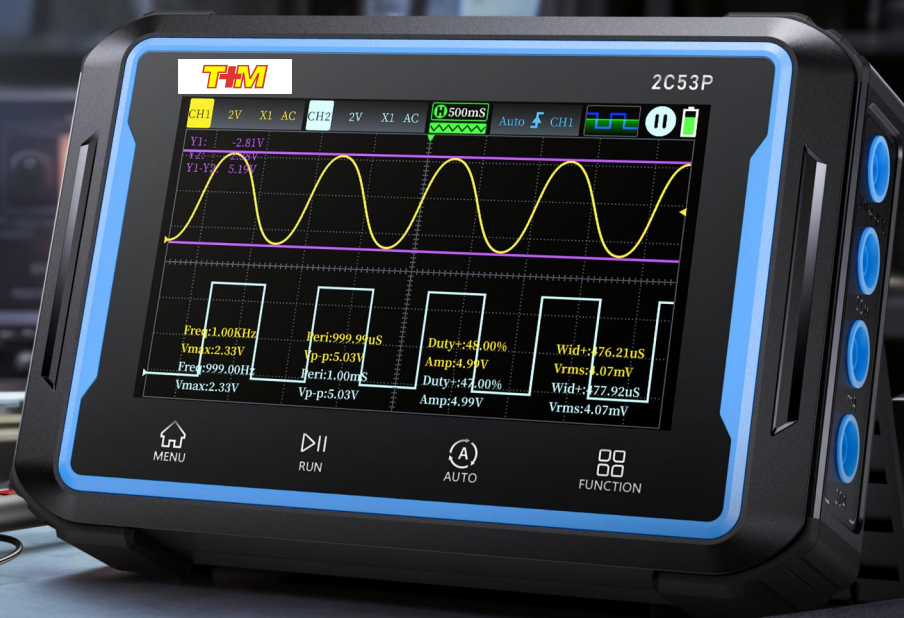
**10M SIGNAL
GENERATOR**



**TOUCH
SCREEN CONTROL**



50M dual-channel flat-panel oscilloscope





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	Max, Min, Avg, RMS, Amp, Pk-Pk, Freq, Cycle, Duty+, Duty-, Width+, Width-, 12types		

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			
Reading Resolution	4½	Display Count	20000 count
DC Voltage (V)	1.9999V/199.99V/1000V ±(0.5%+3)	AC Voltage (V)	1.9999V/199.99V/750.0V ±(1%+3)
DC & AC 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

Product Color	Blue & Black	Product Net Weight	360kg
Product Size	145x98x35mm	Standard Carton	48*29.5*38cm
Display	4.3-inch IPS Tempered Glass Touchscreen (480 x 272)	Carton Gross Weight	15.5kg
Battery	3.7V, 4000mAh, Lithium battery, Standby time 4 hours	Quantity Per Carton	20PCS
Languages	English, Russian, Spanish, Portuguese, Deutsch, Korean, Japanese, Chinese		
Standard Accessories	Main device*1, P6100 Probe*2, Alligator Clip Probe *1, Multimeter Probe*1, Data Cable*1, Manual*1		