

INTRODUCTION

The DSO-TC3 is a MINI type 3 in 1 pocket oscilloscope with 500kHz bandwidth, 10MSa/s sampling rate. It's integrated a Max 100kHz frequency signal generator and a smart automatic electronic component tester. DSO-TC3 is designed for electronic beginners and students for simple testing and maintenance in laboratory, class and outdoor scenes. Multiple practical functions, exquisite appearance as well as affordable cost, makes it a widely popular auxiliary tool.

FEATURES

- 500kHz 10MSa/s oscilloscope
- 100 kHz 6 types signal generator
- Transistor tester
- Infrared decoding and continuity testing
- 2.4 inch TFT color screen
- Languages: English, Chinese

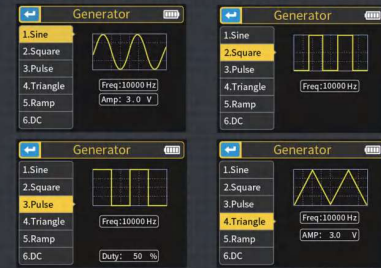


Digital Oscilloscope + Function Signal Generator+ Transistor Tester



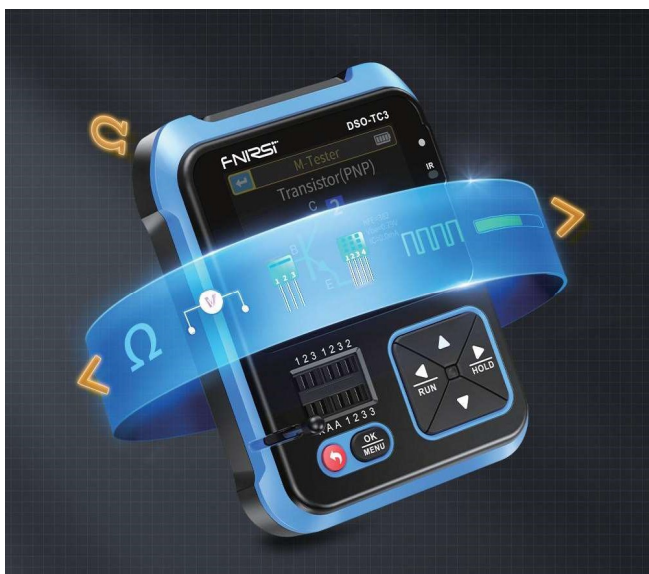
FUNCTION SIGNAL GENERATOR

- ▶ 6 kinds of signal waveforms: sine wave, square wave, pulse wave, triangle wave, ramp wave, DC
- ▶ Output frequency adjustable 1-100kHz
- ▶ Output voltage adjustable 3.3V
- ▶ Output duty ratio adjustable 0-100%



TOOL BOX

- ▶ Automatically analyze NEC protocol infrared code
- ▶ Other function modes: including circuit continuity test, 0-40V input voltage measurement, PWM output, 0-32V Zener diode measurement, DS18B20 temperature sensor measurement, DHT11 temperature and humidity sensor measurement, etc.





Digital Oscilloscope & Transistor & Function Signal Generator



3 IN 1 INTELLIGENT OSCILLOSCOPE

500KHZ BANDWIDTH

100KHZ & TYPES SIGNAL GENERATOR

COMPONENT TESTER

MINI PORTABLE

TECHNICAL SPECIFICATIONS

Oscilloscope			
Bandwidth	500kHz	Channels	1CH
Sampling Rate	10MSa/s	Vertical Sensitivity	10mV/div-10V/div
Time Base Scale	1μs/div-10s/div	Input Impedance	1MΩ
Trigger Types	Auto/Normal/Single		
Auto Measurements	Period, Freq, Pk-Pk, Max, Min, Avg, RMS, Duty Cycle; 8 types		

Waveform Generator			
Max Frequency	100kHz	Channels	1CH
Resolution	1Hz		
Frequency Characteristics	Sine: 1-100KHz/0-3.3V/50%	Square: 1-100KHz/3.3V/50%	
	Pulse: 1-100KHz/3.3V/0-100%	Triangle: 1-100KHz/0-3.3V/50%	
	Ramp: 1-100KHz/0-3.3V/0-100%	DC: 0-3.3V	
Waveforms	sine, square, pluse, triangle, ramp, DC; 6 types		

Component Tester			
Capacitor	✓	Resistance	✓
Inductor	✓	Diode	✓
Triode	✓	Reglulated Diode	✓
MOSFET	✓	SCRs/TRIAC	✓

GENERAL CHARACTERISTICS

Product Color	Blue & Black	Product Net Weight	138g
Product Size	79*103*31mm	Standard Carton	63.5*32*30.5cm
Display	2.4 inch TFT color screen	Carton Gross Weight	14.9kg
Battery	3.7V, 1500mAh Lithium battery, Standby time 4 hours	Quantity Per Carton	50PCS
Standard Accessories	Main device*1, Ordinary Probe *1, Test hook*3, Data Cable*1, Manual*1		