

DT71 Mini Digital Tweezers



DT71 Mini Digital Tweezers is a tool of multi-function measurements with full differential input measurement. DT71 has a unique ternary structure, which can be separated into controller, testing arms and tweezer tips, flexible to be replaced and combined. It is compact and pocket size for easy taking. This overturns the appearance of traditional measuring instruments and is an innovation of measuring instruments with outstanding structure and design.

DT71 Mini Digital Tweezers features a pair of beautiful intensified gold-plated interchangeable tweezer tips, which enables higher measuring accuracy. DT71 can automatically measure SMDs including resistor, capacitor, inductance, voltage, frequency, and diode, very useful in fast distinguishing different components. Meanwhile, a built-in miniature waveform signal generator can output a variety of waveform signals. DT71 provides a perfect solution for debugging and maintenance of complex electronic systems and the classification and detection of discrete chip components.

Product Features:

1. Innovative ternary structure: separated into controller, testing arms and tweezer tips, which subverts the appearance restrictions of traditional measuring instruments;
2. 360° rotatable with OLED screen, visible at all angles;
3. Smart gesture recognition, automatically identify left/right hand operation and adjust screen display;
4. Hidden touch button, simple operation with only a light touch;
5. Test arms use magnetic elasticity to provide easy clipping, ergonomic and patented design;
6. Built-in dual lithium batteries in test arms, balancing both arms and provide a longer standby time;
7. Several kinds of gold-plated interchangeable tweezer tips, enabling higher measurement accuracy in various usages;

8. Rich functions, can automatically measure resistor, capacitor, inductor, voltage, frequency and diode;
9. Built-in signal generator, can output a variety of waveform signals.

Product Specifications:

Operation time	10 hrs (in continuous operation)		
Charging time	2 hrs		
Display	96*16 OLED		
Size	Controller	47mm	
	Test Arms	106mm	
Weight	22g		
Operation	Hidden touch button		
Measurement Specs	Range	Resolution	Accuracy
Resistance	0.1Ω~1KΩ	0.1Ω	0.5%+2
	1KΩ~2000KΩ	1KΩ	0.5%+2
Capacitance	0.1pF~1000pF	0.1pF	2%+3
	0.001uF~400uF	0.001uF	2%+3
Inductance	1uH~1000uH	1uH	5%+3
	1mH~50mH	1mH	5%+3
Voltage	1mV~100mV	1mV	2%+5
	0.1V~40V	0.1V	1%+3
Frequency	10Hz~1KHz	10Hz	0.1%+3
	1KHz~20000KHz	1KHz	0.1%+3
Diode	silicon diodes, Schottky diodes, LEDs (+0.1~3V)	0.1V	1%
Max input voltage	-5V~+50V		
Source Impedance	1MΩ		
Functions			
Automatic	Yes		

Identification		
Designated measurements	Yes	
Continuity and Diode testing	Yes	
Signal generator	SINIE	Support: 10KHz, 5KHz, 2KHz, 1Khz, 500Hz, 200Hz
	NOISE	Support: 100KHz
	USER	Support: 10KHz, 5KHz, 2KHz, 1Khz, 500Hz, 200Hz
	PULSE	Support: 100KHz, 0KHz, 20Khz, 10KHz, 5KHz, 2KHz, 1Khz, 500Hz, 200Hz