

# SEED-110991444



## Features

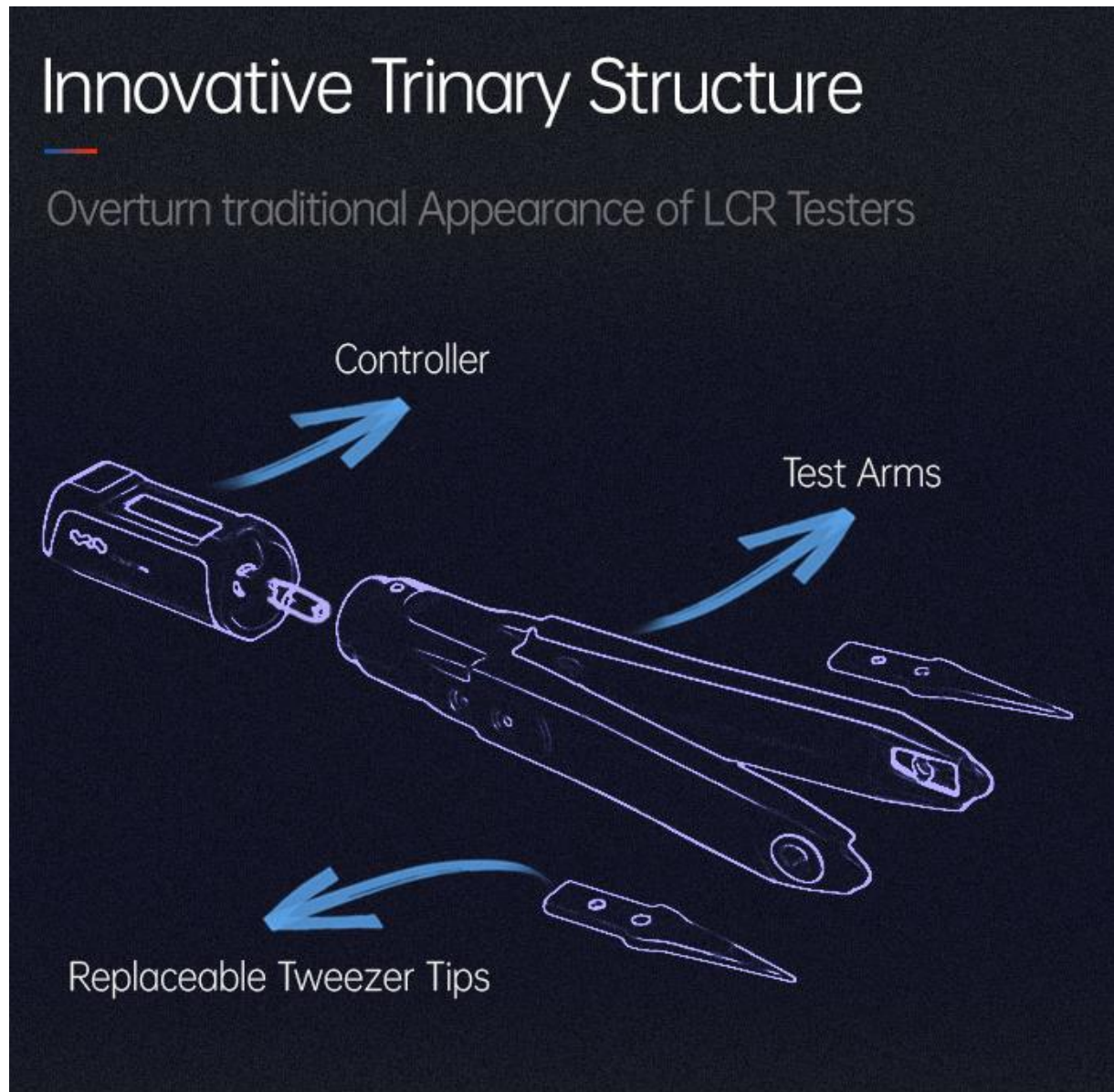
- Innovative trinary structure: separated into the controller, testing arms, and tweezer tips, which are flexible to be replaced and combined.
- 360° rotatable controller with OLED screen, with good viewing angles
- Smart gesture recognition with automatic identification of left/right-hand operation and adjusting the screen orientation accordingly
- Hidden touch button on top of the controller, which makes it easy to operate with only a light touch
- Test arms use magnetic elasticity to provide an easy clipping, ergonomic, and long-lasting structure
- Built-in dual lithium batteries in test arms, balancing both arms and providing a longer standby time
- Several kinds of gold-plated interchangeable tweezer tips, enabling higher measurement accuracy in various usages
- Automatically identify SMDs including resistor, capacitor, inductor, and diode, showing both main and secondary parameters
- A built-in signal generator can output a variety of waveform signals

**Note!!!**

Please use the USB cable from UBC-A to USB-C to charge the tweezers, and pay attention if you use a 9V voltage output adapter, it may cause damage to the device.

### Description

DT71 Mini Digital Tweezers is a tool for multi-function measurements with full differential input measurement. DT71 has a unique trinary structure, which can be separated into the controller, testing arms, and tweezer tips, which are flexible to be replaced and combined.



# Mini And Delicate

Pocket size for easy carrying

# MINI SIZE



# Dual & Big Capacity Batteries

Balance force and last longer

Dedicated data cable



One full charge  
can last 10 hours  
non-stop

DT71 Mini Digital Tweezers have an OLED screen on the 360° rotatable controller, providing visibility at all angles. Smart gesture recognition will automatically identify left/right-hand operation and adjust screen display.

# 360° All Angle Display

Controller can be 360° rotated

Convenient to read measuring results



# Smart Left/Right Hand Recognition

Automatically recognize display direction

Feel free to operation at any side



# Various Measuring Types

More measuring types to  
fulfill your daily work



Dismountable guide pins

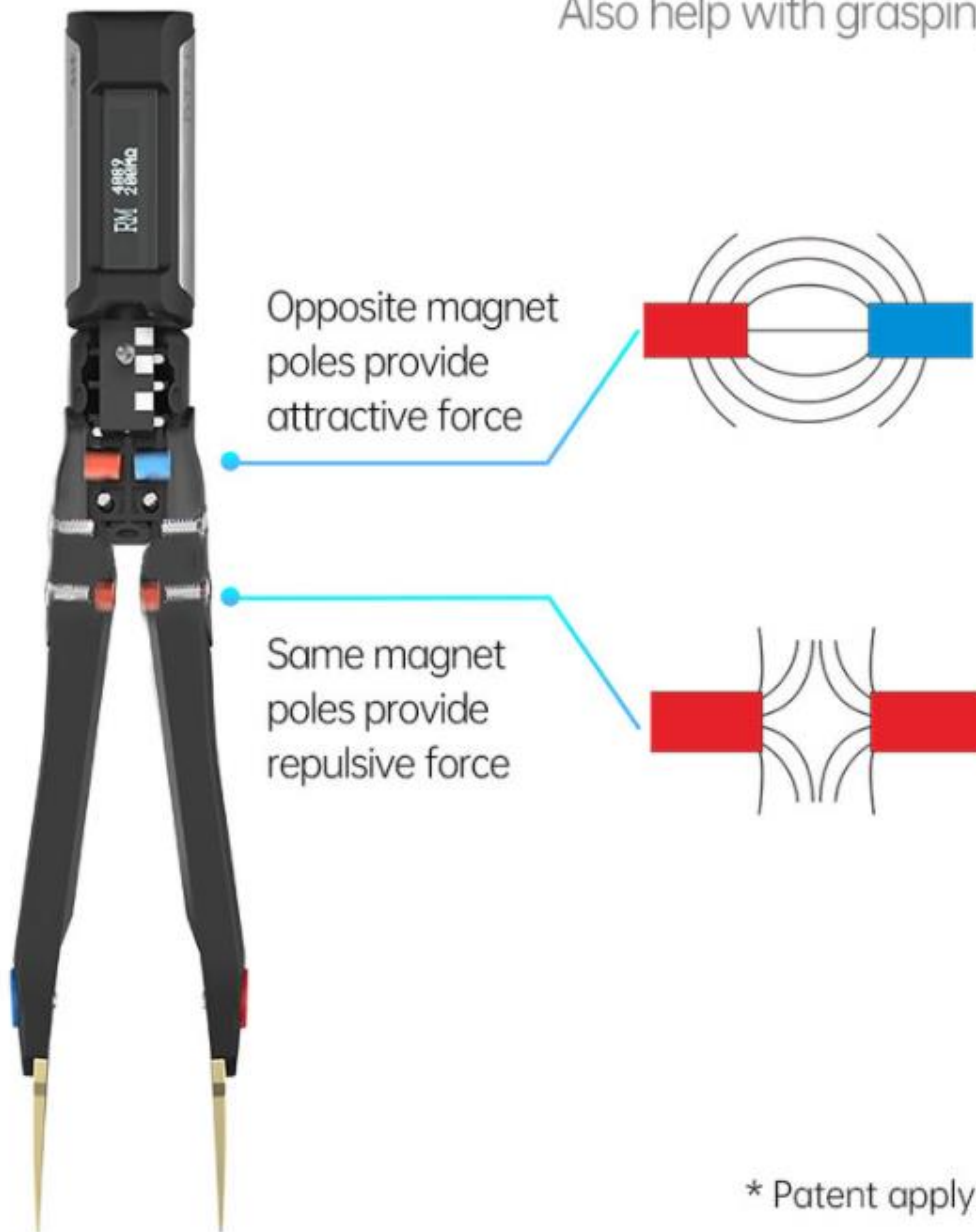
- |             |           |
|-------------|-----------|
| R           | V         |
| resistance  | voltage   |
| L           | D         |
| inductance  | diode     |
| C           | F         |
| capacitance | frequency |

# Magnetic Elasticity Test Arms

Special use of magnet features

Provide permanent elasticity for the tweezers

Also help with grasping\*



DT71 Mini Digital Tweezers features a pair of beautiful intensified gold-plated interchangeable tweezer tips, which enables higher measuring accuracy.



# Replaceable Gold-Plated Tweezer Tips

Meet your various applications

Enable more accurate measuring stability



How to replace tips:



\* Different types of tips are coming soon.

\*\* DO NOT disassemble test arms or controller!

DT71 Mini Digital Tweezers have manual and automatic Identification modes. In auto mode, DT71 can automatically identify SMDs including resistor,

capacitor, inductor, and diode, showing both main and secondary parameters, very useful in fast distinguishing different components.

# Automatically Indentify Components

A light grasp to fast indentify components  
Show both primary & secondary parameters



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.



Different from other LCR testers, DT71 Mini Digital Tweezers have no physical buttons, instead, it has a hidden touch button on top of the controller, which makes it easy to operate with only a light touch.

# Simple with No Physical Button

A new way to operate with a hidden touch button

Only one touch to switch modes



Click/Touch:  
Switch functions



Long touch:  
Switch menu options



DT71 Mini Digital Tweezers has intelligent functions such as Automatic identification, Automatic shutdown, and also the firmware can be upgraded.

# An Evolving Smart Brain

Built-in smart chip

Upgrade firmware for better functions



## Specifications

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 Specifications			
	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 Identification	Yes	
Designated measurements	Yes	
Continuity and Diode testing	Yes	
Signal generator	SINE	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



### Part List

- 1 x DT71 Controller
- 1 x Test Arms
- 2 x Tweezer Tips



1 x Data Cable

1 x Carrying Case

1 x Safety Instructions