

INTRODUCTION

The LCR-P1 is a high-precision, multi-functional transistor tester. It simplifies the testing and analysis of semiconductor components such as transistors, diodes, triacs, and field-effect transistors (FETs), rapidly and automatically recognizes performance conditions and detailed parameters. It is a portable and smart device can help electronic engineers, technicians, and electronics enthusiasts streamline operations and boosts testing efficiency.

FEATURES

- Fast testing with high precision
- Support to test types of components
- Auto recognize component Types and Pins
- 1.44-inch PPI colorful screen
- 300mAh lithium battery
- Portable and exquisite
- Languages: English /Chinese



Multi-Function LCR Tester

- FET, SCR, BJT
- Infrared Decoding
- Capacitor
- Resistor
- Inductor
- Diode

Anti Burning

High-Precision Component Testing

1. Automatically identifies and measures various transistors, including NPN and PNP BJTs, N-channel and P-channel FETs, junction FETs, diodes, dual diodes, SCRs, as well as resistors and inductors.
2. Automatically detects pin configuration

TECHNICAL SPECIFICATIONS

Type	Range
Triode	10 β <math>< 600</math>
Diode	Forward voltage drop <math>< 4.5V</math>
Zenor diode	0.01-4.5V 0.01-32V
Field-Effect Transistor(FET)	JFET IGBT MIOSTET
Unidirectional SCR/Bidirectional SCR	Turn-on voltage <math>< 5V</math>, gate trigger current <math>< 6mA</math>
Capacitor	25pF~100mF
Resistance	0.01Ω-50MΩ
Inductor	10uH-1000uH
Battery	0.1-4.5V
Infrared Remote Control Decoding	NEC protocol infrared code

GENERAL CHARACTERISTICS

Product Color	Blue & Black	Product Net Weight	79g
Product Size	71×87×28mm	Standard Carton	47*44.5*24cm
Display	1.44 inch colorful screen	Carton Gross Weight	15.1kg
Battery	3.7V, 300mAh Lithium battery	Quantity Per Carton	100PCS
Standard Accessories	Main device*1, Test hook*3, Replaceable Test Board*1, Data Cable*1, Manual*1		