

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
- Supports to test types of components
- Automatical recognizes 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, Data Cable*1, Manual*1 | | |