

# LCR Meter



RoHS  
Compliant



## Overview

ST-5C is a unique design combines a pair of tweezers like probes and a digital LCR-meter in one compact and lightweight device. The gold plated precision probes are designed to work with smallest SMT components.

## Features

- L, C, R and ESR measurement
- Bright and easy to read OLED display
- Automatic or manual identification of tested component type
- Secondary parameters display with automatic Parallel or Series equivalent circuit selection
- Automatic or manual test frequency selection
- Standard micro-USB connector for battery charger
- Auto power off
- Protective holster
- Precision, gold plated tips
- Rechargeable Li-Po battery

## Technical Specifications

Test Frequency : 100Hz, 1kHz, 10kHz  
Test signal level : 0.45 ±5% Vrms SW

### Basic Accuracy

Resistors : 0.5%  
Capacitors : 1%  
Inductors : 1%

### Measurement Ranges

Resistance : 0.05Ω - 9.9MΩ  
Capacitance : 0.5pF - 4999μF  
Inductance : 0.5μH - 999mH

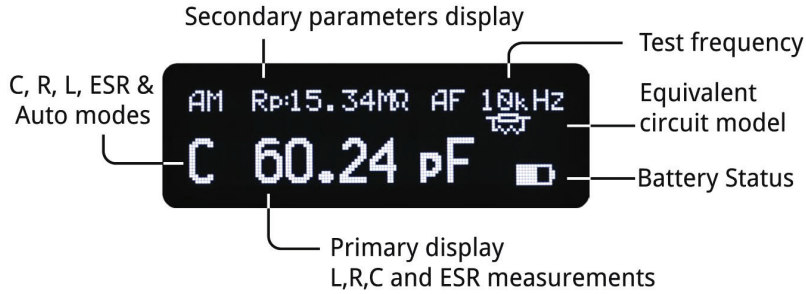
## Physical Specifications

Size : 148mm × 20mm × 15mm  
Weight : 29g  
Operating Temperature : 0°C - 50°C  
Battery Life : 20h continuous

[www.element14.com](http://www.element14.com)  
[www.farnell.com](http://www.farnell.com)  
[www.newark.com](http://www.newark.com)  
[www.cpc.co.uk](http://www.cpc.co.uk)



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## Part Number Table

Description	Part Number
LCR-Meter, Handheld	ST-5C

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