



## Features:

- L, C, R and ESR measurement
- Bright and easy to read OLED display
- Automatic or manual identification 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                  | : 14.8 × 2 × 1.5cm |
| Weight                | : 29g              |
| Operating Temperature | : 0°C - 50°C       |
| Battery Life          | : 20hr continuous  |

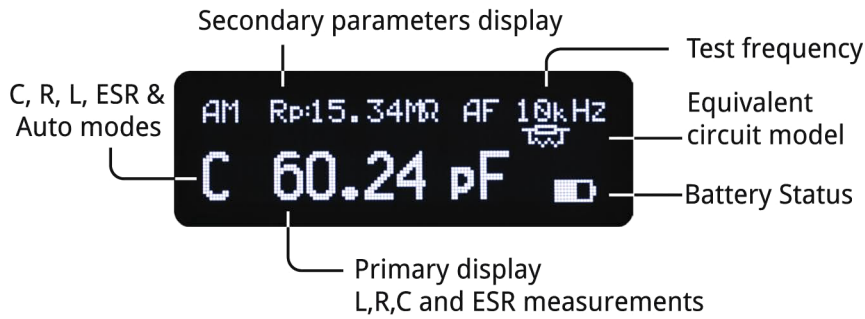
It is a professional quality, low cost LCR/ESR-meter. It is a perfect solution for testing, identifying components and troubleshooting electronic circuits.

The 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.

It displays component type and value include a secondary parameter for capacitors and inductors. Automatic component identification and test frequency selection simplifies measurement by elimination unnecessary trial and error time.

Long battery life and extremely low sleep current makes this device an ideal choice for broad spectrum of applications.

Using it provides a quick and convenient way to test, sort and evaluate SMT components and perform on-board measurement and debugging.



## Part Number Table

| Description | Part Number |
|-------------|-------------|
| LCR-Meter   | ST-5C       |

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the Premier Farnell group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Tenma is the registered trademark of the Group. © Premier Farnell plc 2012.