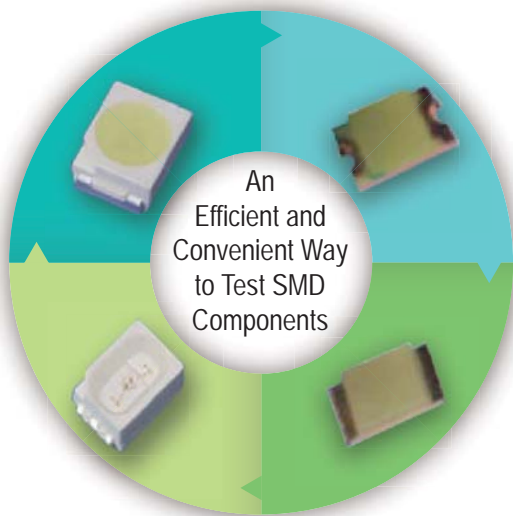


# PCBA test instrument-Smart Tweezers (LCR meter) ST5-S



- Diode Polarity/Short Testing
- Built-in Equivalent Series Resistance (ESR) mode
- Automatic error calculation function



## Technical Specification

AC test mode Test frequency:	1 kHz, 10 kHz, 120 Hz, 100 Hz
Test frequency accuracy:	50 PPM (0.005%)
Test signal level:	0.5/1.0 ±5% Vrms Sine wave

## Measurement Ranges

Resistance R:	0.05 Ω to 9.9 MΩ
Capacitance C:	0.5 pF to 999 μF
Inductance L:	0.5 uH to 999 mH
Quality factor Q:	0.001 to 1000
Dissipation factor D:	0.001 to 1000

## Physical Specifications

Size:	15.0 x 1.8 x 1.5 cm
Weight:	29g
Operating temperature:	0°C to 50°C
Battery:	3.7V LiPO rechargeable 180mAh 20 hours, 3 hours charging cycle

