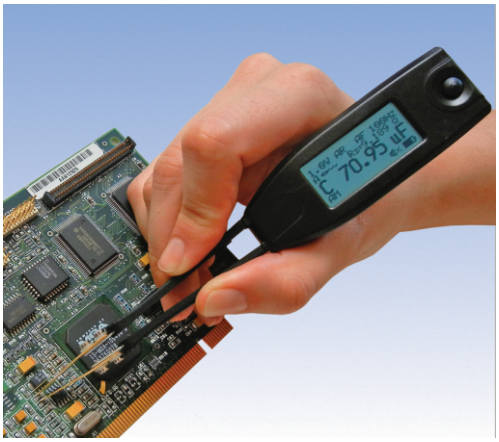
NEW SMART TWEEZER MORE ACCURATE MORE FUNCTIONS

Now with USB charger port and Li-ion Battery,6 times high accuracy,
Semi-automatic offset substraction, Component Sorting,
doiode and continuity test!



The new model St-5 of theDigital Multimeter Smart Tweezers is powered by a rechargeable Li-Ion batteries with a USB Charger that virtually eliminates necessity of a battery replacement.

The integration of SMD probes and the display, combined with automatic recognition of a measurement mode (L, C, and R) and the best measurement range allow the user to focus on the component under test. As a result, testing, sorting and evaluation of components become much more efficient.

Inductance, Capacitance, Resistance

Primary display shows present reading of the main impedance component (L,C, or R). The secondary display (at the top of the LCD screen) shows present reading of the secondary impedance component, such as a parasitic resistance of the capacitor (effective series resistor ESR).

Continuity/Open Test

The Smart Tweezers is designed for a continuity test. The beeper sounds when a resistance reading is below a threshold, or to indicate an open circuit.

Durable Probes

Tweezers tips are made of gold-plated non-magnetic stainless steel.

Ergonomic Design and Convenient Controls

Smart Tweezers features a Navigation Controller Joystick allowing quick controls without going into the menu. By pushing the Navigation Controller Up, Right, Down or Left you can select a proper function or setting directly, without entering the menu as it was done in the

Smart Tweezers: A new Generation of Digital Multimeters

ADVANCE TECH®

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Physical Specifications	
Operating Temperature:	0 °C to +55 °C
Storage Temperature:	40 °C to +60 °C
Relative Humidity:	0 % to 90 % (0 °C to 35 °C) 0 % to 70 % (35 °C to 55 °C)
Altitude Operating:	0-2000 meters
Storage:	10000 meters
Battery Type:	Rechargeable 4.5 Volt Li-Ion Battery
Battery Life:	80 Hours for fully charged battery
Electromagnetic Compatibility (EMC):	Susceptibility and Emission: FCC 15 part B
Size:	14.0 x 2.5 x 3.0 cm (3.94 x 0.9 x 1.5 in)
Weight:	53 grams (0.11lb)
Warranty:	1 year
Basic Specifications	
Measured Parameters:	C, L, R, ESR, Rs, Rp
Measuring Frequencies:	100Hz, 120 Hz, 1 kHz, 10kHz
Measurement rate:	1 time per second, default
Resistance:	0.05 Ohms to 9.99 MOhms
Capacitance:	0.5 pF to 4999 µF
Inductance:	1µH to 999 mH
Quality Factor Q:	0.001 to 1000
Dissipation Factor D:	0.001 to 1000
Detailed Accuracy Specifications	Accuracy is specified at 18°C to 28°C (64°F to 82°F), with relative humidity to 90%.
Resistance	
Range:	0.1Ohm - 5MOhm
Accuracy:	0.2% in range 0.1R - 5M
Test Frequency:	1 kHz
Capacitance:	
Range:	10pF - 499µF
Accuracy:	0.5% in range 10pF - 499 µF
Resolution:	0.5pF in range 1pF- 100pF
Test Frequency:	1 kHz C > 1000pF; 10 kHz C < 1000pF; 100Hz C > 1µF
Inductance:	
Range:	1µH-1H
Accuracy:	0.5% in range 1µH - 1H
Resolution:	0.5µH in range 1µH - 100µH
Test Frequency:	10 kHz L < 1µH; 1 kHz L > 1µH; 100Hz L > 1mH
Feature Summary	
	Fully automatic measurement of Inductance, Capacitance and Resistance
	Automatic selection of the best range
	Component sorting with 1, 5, 10 an 20% tolerance
	Lithium-Ion battery and USB Charger
	Continuity and Diode test
	Semi-automatic offset subtraction