

Comparison of the Old (ST-AS) and New (ST-5) and Economy (ST5L) Models of Smart Tweezers			
Feature	Old ST Model	New Model ST-5-AS	Economy Model ST5L
Automatic LCR Measurement	Yes	Yes	Yes
Manual LCR Measurement	Yes	Yes	Yes
Diode Test	Yes	Yes	Yes
Continuity Test	Yes	Yes	Yes
DC Voltage Measurement	Yes	No	No
AC Voltage Measurement / Trace Mode	Yes	No	No
Rechargeable Batteries / Charger	Optional	Standard	Standard
Designated ESR Measurement	No	Yes	Yes
Automatic Offset Subtraction	No	Yes	Yes
Component Sorting	No	Yes	Yes
Technical Specs			
Test Frequency	0.1, 0.12, 1, 10 kHz +/- 0.25%	0.1, 0.12, 1, 10 kHz +/- 0.005%	0.1, 0.12, 1, 10 kHz +/- 0.005%
Test Signal Level	0.32 +/- 10% Vrms	0.25, 0.5, 1.0 +/- 5% Vrms	0.25, 0.5, +/- 5% Vrms
Source Impedance	620 Ohms +/- 5%	62.5Ω/1kΩ/16kΩ +/- 1%	62.5Ω/1kΩ/16kΩ +/- 1%
Typical Accuracy			
Resistance	1%	0,20%	0,50%
Capacitance	3%	0,50%	0,50%
Inductance	3%	0,50%	0,50%
Measurement Range			
Resistance	0.1 Ohm to 10 Mohms	0.1 Ohm to 10 Mohms	0.1 Ohm to 10 Mohms
Capacitance	0.5 pF to 5 mF	0.5 pF to 1 mF	0.5 pF to 1 mF
Inductance	0.5 uH to 1 H	0.5 uH to 1 H	0.5 uH to 1 H