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ST-SB, STIC-SB

Smart Tweezers: A new Generation of Digital Multimeters

Increasing PCB density and decreasing component size makes it more and more difficult to use a conventional Multimeter for PCB debugging. Digital Multimeter Smart Tweezers was specifically developed for this purpose. A light weight of only 2 oz and easy one-hand operation make Smart Tweezers an unrivalled tool for electronic measurements. Smart Tweezers automatically selects measurement type and range. With 1% typical accuracy and the ability to measure DC/AC voltage, ESR, capacitances as small as 1 pF and test diodes, it fills the gap between conventional multimeters and expensive bench-type testers.

Smart Tweezers is a perfect tool to take with you on a field trip. The latest model of Digital Multimeter Smart Tweezers is powered by rechargeable batteries with an inductive charger that virtually eliminates the necessity of battery replacement.



FEATURES

- › Automatic recognition of LCR measurement mode
- › Automatic best measurement range
- › Reading of main and parasitic impedance components
- › DC/AC voltage measurement up to ± 8 Volts
- › Continuity/open and diode test
- › Typical accuracy of 1% for resistance and 3% for inductance and capacitance
- › Measurement ranges from 0.05 Ohms to 10 MOhms, from 1 pF to 5 mF and from 1 μ H to 1 H
- › Measurement of dissipation and quality factors
- › Very low built-in parasitics and less than 2 oz weight