Technical Specifications:

Test frequency: 100 Hz, 1 kHz, 10 kHz
Test signal level: 0.45 +/- 5% Vrms SW

Basic accuracy:
- Resistors: 0.5%
- Capacitors: 1%
- Inductors: 1%

Measurement Ranges:
- Resistance: 0.05 ohm – 9.9 Mohm
- Capacitance: 0.5 pF – 4999 uF
- Inductance: 0.5 uH – 999 mH

Specifications

Size: 14.8 x 2.0 x 1.5 cm
Weight: 29 grams
Operating temperature: 0°C – 50°C

Smart Tweezers Colibri™ 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.
- Smart Tweezers Colibri™ displays component type and value include a secondary parameter for capacitors and inductors. Automatic component identification and test frequency selection simplifies measurement by eliminating unnecessary trial and error time.
- Long battery life and extremely low sleep current makes this device an ideal choice for broad spectrum of applications from production lines to autonomous missions.
- Using Smart Tweezers Colibri™ provides a quick and convenient way to test, sort and evaluate SMT components and perform on-board measurements and debugging.

Features:
- L, C, R and ESR measurement
- Bright and easy to read OLED display
- Automatic or manual identification of tested component type
- Secondary parameters display 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

Smart Tweezers with rechargeable Li-ion Battery, USB Charger

Smart Tweezers Colibri™

Features:
- 4-Directional Navigation Control
- Multi-Parameter Secondary Display
- Automatic Test Mode
- Battery Indicator
- LED Display
- C, L, R, ESR, Diode Modes
- Shielded 4-Wire Handles
- Gold Plated Replaceable Steel Tips

While the information contained herein has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

Warranty is 12 months from the date of our invoice, excludes Li-ion Battery and all physically damaged parts.

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