Smart Tweezers®
Iskra™ ST5-L

An Efficient & Convenient Way to Test SMD LED

Smart Tweezers Iskra™ is a specialized expert solution for testing and verification of SMD LEDs. Its unique mechanical and electronic design combines a pair of high quality gold plated tweezers and a digital LED tester in compact, lightweight, battery powered instrument.

Testing Surface Mount and Through-hole LEDs

Surface mount devices are usually more difficult to test and identify SMD than conventional components due to their size. Smart Tweezers Iskra™ gives users an easy way to test and verify various types of SMD LEDs even already placed on boards. The probe can also be used to test thru-hole LEDs.

Automated Measurements

Smart Tweezers Iskra™ performs automatic LED polarity detection using a unique safe adaptive test algorithm. After LED polarity detection, Smart Tweezers Iskra™ lights the LED at the preset test current value and the on-off duty cycle. During this cycle, the device displays test current value, polarity indicator, forward drop voltage across LED and the duty cycle.

Features

- Convenient one-hand operation
- Automatic LED polarity detection
- Forward drop voltage display
- Adjustable preset test current
- Adjustable test duty cycle
- LED visual brightness verification
- LED visual color verification
- Portable and ergonomic design

Technical Specifications

- Test Current: 1, 2, 5, 10, 20, 30 mA
- Test Signal: 5 Volt (max)
- Duty Cycle: 10, 20, 30, 40, 50%
- Dimensions: 150 x 18 x 15mm
- Weight: 30 gram (approx.)
- Battery: LiPo, 180mAh, 20hr continuous

Warranty

Warranty is 12 months from the date of invoice. It excludes batteries and any mechanically damaged part. While the information contained herein is true 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.

Advance Devices, Inc. Canada is the ORIGINAL & ONLY manufacturer of Smart Tweezers. Inde Enterprises is their stocking distributor as well the only after-sales-service partner in India. We keep all spares in stock to lower the down time of the Smart Tweezers.