

Smart Tweezers®

Iskra™ ST5-L

Automatic Adaptive SMD LED Tester
In a Pair of Tweezers

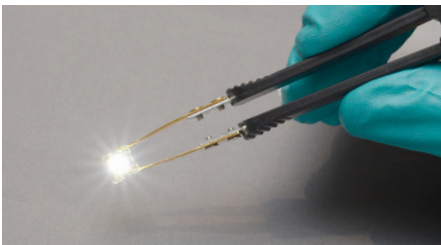


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Automatic Adaptive LED Tester in a Pair of Tweezers

An Efficient and Convenient Way to Test SMD LED



- Convenient one-hand operation
- Ideal for Surface Mount Devices
- 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

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Smart Tweezers® Iskra™ is a specialized expert solution for testing and verification of SMD LEDs.

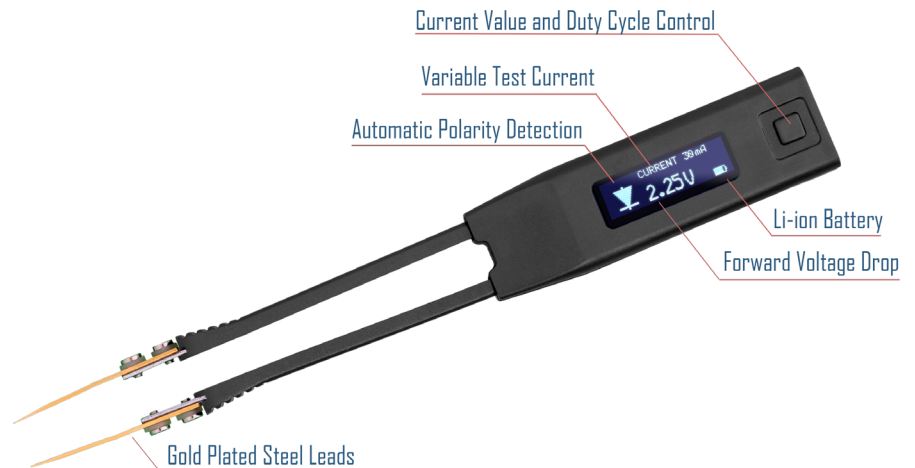
Its unique mechanical and electronic design combines a pair of high quality gold-plated tweezers and a digital LED tester in compact, lightweight, battery powered instrument.

Testing Surface Mount and Throughhole 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 LEDs even already placed on boards.

The probe can also be used to test throughhole LED.



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 the cycle the device displays test current value, polarity indicator, forward drop voltage across LED and the duty cycle.

Technical Specifications

Test current:	1, 2, 5, 10, 20, 30 mA
Test signal:	5 Volt (max)
Duty cycle:	10, 20, 30, 40, 50%
Dimensions:	15 x 1.8 x 1.5 cm (5.9 x 0.7 x 0.6 in)
Weight:	30 gram (1 oz)
Battery:	LiPo, 180 mAh, 20 hr continuous