

# Smart Tweezers®

## Iskra™ ST5-L

Automatic Adaptive SMD LED Tester  
In a Pair of Tweezers

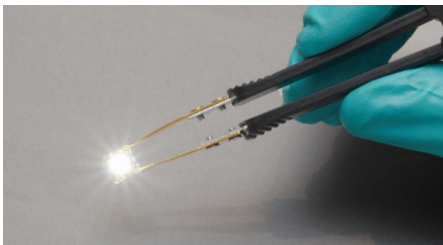


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## Iskra™ ST5-L

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
- Bidirectional and polarity modes
- Forward drop voltage display
- Adjustable preset test current
- Adjustable test duty cycle
- LED visual brightness verification
- LED visual color verification

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.

#### Testing Surface Mount and Throughhole LEDs

Smart Tweezers® Iskra™ provides users with 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 LEDs.

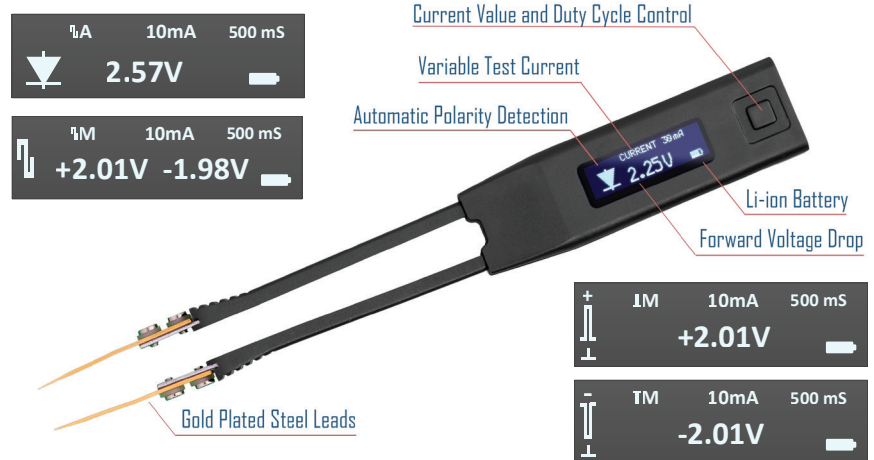
#### Automatic, Bidirectional, Fixed Polarity Testing

Smart Tweezers® Iskra™ offers a selection of LED testing modes. In the default automatic mode ST5L detects LED polarity with an advanced safe adaptive test algorithm.

The device displays LED polarity, detected forward drop voltage and the pulse time. The LED lights up at the preset test current.

When testing bidirectional LEDs ST5L displays the forward voltage value for each direction.

Fixed polarity modes provide additional testing mode when probes get assigned fixed polarity each.



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#### 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