



## Exciting Answer An Old Problem- Testing & Troubleshooting SMD's

[Smart Tweezers](#) have a unique mechanical and electronic design that incorporates a built-in direct precision SMD probe designed for

component evaluation on the production line, PCB debugging, component impedance testing and the sorting SMD components.

The integrated SMD probe and measurement head, combined with automatic recognition of measurement modes (R, C, and L) and the range of measurement, allows the operator focus on the component under test. As a result testing, sorting and evaluation of components becomes more efficient and cost effective.

### Five Tests In One Compact Tool

#### Inductance, Capacitance, Resistance, Voltage & Continuity

The primary display shows the present reading. The secondary display (on top) shows the present reading of additional parameters or measurement conditions when the primary display shows some other feature (L,C). When multiple features present, the secondary display shows one of the values. The Bar Graph provides an analog indication of the measured input. The Smart Tweezer is able to measure voltage. In the AUTO MODE, it measures DC voltage from 100uV to 800mV. In the TRACE MODE, it shows an oscilloscope like picture of AC volt. And, the Smart Tweezer is designed to measure continuity. The beeper sounds for resistance readings below threshold, or to indicate a momentary open circuit.

Smart Tweezer is an R-L-C meter in a set of tweezers. Smart Tweezers is designed for production line component evaluation, on board impedance testing, and SMD components sorting. With automatic recognition of measurement mode (R, L and C) Smart Tweezers is ideal for identifying surface-mounted devices.

Smart Tweezers have a unique mechanical and electronic design that incorporates a built-in direct precision SMD probe designed for component evaluation on the production line, PCB debugging, component impedance testing and the sorting SMD components. The integrated SMD probe and measurement head, combined with automatic recognition of measurement modes (R, C, and L) and the range of measurement, allows the operator focus on the component under test. As a result testing, sorting and evaluation of components becomes more efficient and cost effective.

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