STENCIL INSPECTION

SVII-K100

High-Resolution 3D AOI Stencil Inspection Machine

10 µm Resolution | 3D AOI | Dual Lighting System | Windows 10



OVERVIEW

The **SVII-K100** is a 3D AOI stencil inspection system that checks the stencil before solder paste printing. With 10 µm resolution and a dual lighting system it detects even the smallest stencil defects, which makes it a key tool for high-reliability SMT production.

High resolution for today's small component sizes and full three-dimensional inspection of the stencil reduce printing defects and improve the yield of the SMT line. The Windows 10 software is stable and easy to operate.

KEY FEATURES

10 µm resolution
detects the finest stencil defects

3D AOI inspection
full three-dimensional stencil analysis

Dual lighting system
red coaxial light from the top, custom white LED from the bottom

Large field of view
up to 18.6 × 14 mm

Fast inspection
up to 0.5 s per field of view

Windows 10
stable, user-friendly operating system and interface

Connectivity
Ethernet and WiFi

TECHNICAL SPECIFICATIONS

Model	SVII-K100
Resolution	10 µm
Field of View	up to 18.6 × 14 mm
Inspection Speed	up to 0.5 s per FOV
Inspection Method	3D AOI
Lighting System	top: red coaxial / bottom: custom white LED
Operating System	Windows 10
Interface	Ethernet / WiFi
Power Supply	220 V AC, 50/60 Hz
Dimensions	1130 × 1215 × 1500 mm
Weight	830 kg

Configuration, demo and quotation

InterElectronic supplies this machine in Hungary and Central Europe: application advice, sample tests, installation, training and service.

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Specifications according to the manufacturer. Subject to change without notice.