STENCIL INSPECTION

K100

3D AOI stencil inspection machine

3-YEAR FACTORY WARRANTY

Checks the stencil before solder paste printing: 10 µm resolution and dual lighting detect even the smallest stencil defects.



10 µm	3D AOI	0.5 s	18.6 × 14
Resolution	Inspection method	Per field of view	Field of view, mm

01 / OVERVIEW

Key features

10 µm resolution
Detects the finest stencil defects, matched to today's small component sizes.

3D AOI inspection
Full three-dimensional analysis of the stencil before printing.

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 per field of view.

Fast inspection
Up to 0.5 s per field of view.

Windows 10, Ethernet and WiFi
Stable, user-friendly operating system and interface; network connectivity.

02 / TECHNICAL DATA

Machine specification

INSPECTION

Model	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	Top: red coaxial; bottom: custom white LED

MACHINE AND UTILITIES

Operating system	Windows 10
Interface	Ethernet / WiFi
Power supply	220 V AC, 50/60 Hz
Dimensions	1130 × 1215 × 1500 mm
Weight	830 kg

03 / BENEFITS

Why inspect the stencil

- ✓ Stencil defects are found before printing, not after reflow.
- ✓ Full 3D check of apertures, suitable for fine-pitch stencils.
- ✓ Application advice, sample tests, installation, training and service by InterElectronic.
- ✓ Fewer printing defects and a higher SMT line yield.
- ✓ Simple operation on Windows 10, network connection for data.

Configuration and quotation

sales@interelectronic.com

Károly Peics **+36 30 296 45 05**

David Peics **+36 30 217 1226**

www.inte-on.com

■ 3-YEAR FACTORY WARRANTY ON INTEON MACHINES