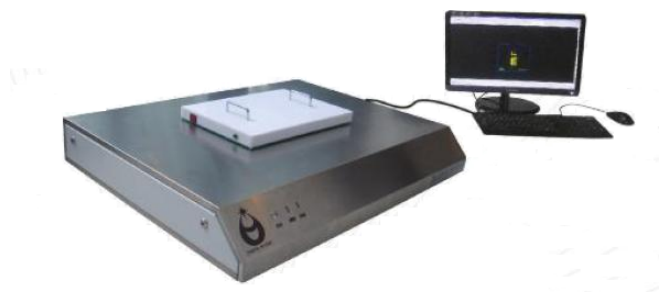




## Automatic Optical Inspection & Measurement



TLS-S1200

The TLI-S1200 is a compact, automated optical inspection system designed to capture, adjust, identify, check and measure images on any flat materials, such as SMT stencils.

### Hardware Characteristics:

- Utilizes well-developed, large-scale, highly accurate scanning components, capable of interfacing any scanner that supports the TWAIN standard.
- Data interface is capable of importing all electronic assembly data files or images. Output provides accurate checking and measuring reports. CP/CPK statistical data and vector graphic file output are also available as options.

### Software Characteristics:

- PowerAOI - This software allows the user to inspect SMT stencils either pre-production or post cleaning for clogged, partially clogged or damaged apertures. This effectively removes the human impact on the inspection procedure and provides an advanced checking means to output accurate reports, ensuring the process is under control and providing stencil quality traceability.
- PowerScan - This software provides a means to measure the positional accuracy and aperture size precision of SMT stencils. As an extended option, this software can be configured to output CP/CPK data and statistical diagrams. This software can also be used to reverse engineer the measurements of any flat materials including PCB's and SMT stencils (option).

### Application:

- Identifying defects in SMT stencils such as missing apertures, porous or wrong shaped apertures, or post cleaning contamination.
- Inspecting SMT stencils for aperture count, aperture size and positional accuracy. Especially effective as a final QC tool for stencil manufacturers or an incoming inspection tool for stencil users.
- Used in the reverse engineering of PCB's, and outputting Gerber files to be used for all stages of PCB assembly

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including surface mount machine programming.

- Measuring and checking any flat materials.

### Technical Specifications:

Model	TLI-S1200
Max. Scanning Area	800mm×600mm
Single Scanning Area	420mm×297mm
Data Interface	SCSI, USB
Optical Resolution	600×1200dpi(Standard Configuration)、 2400×4800dpi(Advanced Configuration)
Input Data Format	RS274D/X Gerber, DXF, HPGL, BMP, JPG, TIFF, any PCB file (option)
Output Data Format	CSV, BMP, JPG (report), RS274X Gerber (option), DXF (option)
Power Consumption	250W
Operating Temperature	20±3°C
Operating Humidity	10%-50%, no condensation
Power Requirement	220VAC, 50/60Hz, 10A, Single Phase
Machine Size (L×W×H)	1200mm×900mm×170mm
Weight	60Kg
Option	Light box
Origin	China

Note: 1) PowerAOI and PowerScan are pure software products, not including any hardware products. Each of them can be purchased independently.

2) The system includes hardware and PowerAOI software. PowerScan software can be added based on user's requirements.



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