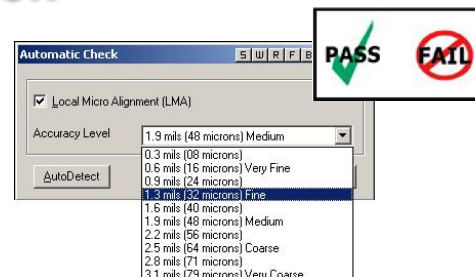# ScanSTENCIL Lite™
Automatic Stencil and Screen Inspection

WHAT IS ScanSTENCIL Lite?

ScanSTENCIL Lite is a fully integrated, stand-alone measurement and inspection workstation for use after stencil and screen fabrication or other machined, etched, electro-formed, or laser cut operations.

ScanSTENCIL Lite uses a PC Windows-based software package integrated with a high-resolution, calibrated, A3 size flatbed scanner. This combination allows inspection of both stencils and screens for accuracy and the ability to inspect 100% for absence/presence and correct size of apertures.

AUTOMATIC FEATURES

Tired of using slow manual measurement and inspection methods? ScanSTENCIL Lite offers various functions that quickly and automatically verify data:

- Absence/Presence of Apertures
- Confirm Proper Aperture Shape and Size
- Compare Stencil/Screen vs. Gerber
- Compare Stencil/Screen vs. Stencil/Screen
- Compare Stencil/Screen vs. PCB
- Confirm Proper Aperture Position
- Automatic Inspection Accuracy Level Detection

VERIFICATION

Worried about the quality of the finished stencils, screens or Gerber files? Use ScanSTENCIL Lite's "check functions" to verify the accuracy of the data. The new LMA option allows for checking apertures as small as 0.002" diameter (0.050 mm).

UPGRADEABLE

ScanSTENCIL Lite can be easily upgraded to full ScanSTENCIL with Gerber generation capabilities.

WHY USE ScanSTENCIL Lite?

- 100% automatic inspection of screen/stencil for absence/presence and size of apertures.
- Detect aperture size error down to 0.0005" (0.0125mm) at 3200 dpi.
- Compare Stencils and Screens against Gerber image for errors
- Verify aperture sizes to 0.0005" and aperture absence/presence as small as 0.002" (0.050mm)

SCANNER

- High-Resolution Color Flatbed Scanner, Size A3: (400/1000/1600/2000/2400/3200/4000/4800 dpi)
- Calibrated Accuracy: ± 0.0010" (± 0.0254mm)
- A3-Scanning Bed Area: 11.7" x 16.5" (297mm x 419mm)
- Maximum Work Area: 32.0" x 32.0" (813mm x 813mm)

COMPUTER*

- Multi Core Processor - 3 GHz
- 1 TB 7200 RPM HD, 8 - 16 GB RAM
- Flat Panel Monitor
- Ethernet Connection
- Windows 10 - 64-Bit
- 2 avail. USB2 or USB3 ports

*Recommended customer supplied minimum PC requireme

ADDITIONAL SYSTEM COMPONENTS

- Precision Glass Calibration Grid
- Software Protection Key
- Custom Transmissive Lighting Package
- Custom Desk
- Scanning Accessory Package
- Auxiliary: Software-only, extra seat (Optional)

(**All specifications and designs subject to change without notice.**)

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