



KITE

SPECIFICATION DATASHEET

Physical Specifaction

Dimensions	860mm x 720mm x 450mm
Weight	50kg
Wattage	25W
Voltage	240V
Air Pressure	N/A
Operating Temperature	20°C to 40°C
Lighting	White Xeon Tube

Software Specifaction

Inspection Capabilities	0402 Package and 0.5mm Pitch
Internal Printer	Tally roll printer for inspection fault summary
Software Modules	1st off verify BOM, manual comparator inspection, offline rework & programming, report and statistical analysis
Security Levels	Supports 3 user levels to limit operator access to advanced features when required
Barcode	Optional: All common formats can be read through the camera for traceability

Camera Specifaction

Camera	Line Scan Camera Telephoto Lens System
Camera Interface	USB
Field of View	295mm x 4px
Resolution/Pixel Size	600dpi Approx. 40um
Camera Orientation	Top Down
Movement	Camera moves in X direction only due to being a line scan camera

Board Specifaction

Maximum Board Size	420mm (W) x 295mm (L)
Fiducials	All systems are capable of 3 fiducial correction allowing for board positional error, rotation and stretch or shrinkage
Board Clearance	Top - 20mm, Bottom - 40mm
Board Handling Method	Fixed side and front arms, sliding back arms (mutiple back arms can be installed)
Laser Profiling	Option not available
Linear Drives	Half stepping motors for high accuracy and repeatability

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