

Alpha 1 Technologies

ST-516 Stand Alone

ST-808 Inline

AOI



Machine Highlights

- User friendly interface with Windows 7 Operating System
- State of the Art software
- Effective detection rate of 99% or better
- Comes standard with SPC function
- Inspects a wide variety of components and potential defects
 - Solder bridging and voids
 - Both through hole and SMT
 - Missing components
 - Resistor color bands
 - Polarity
 - Component identification
 - Tomb Stoning
 - Skewed Components

Software Capabilities

- CAD Data import
- Color extraction
- Character Recognition (OCR)
- Color Distance Analysis
- Black and White Weight analysis
- Brightness analysis
- Graphical similarity
- SPC Statistics
- Bar code scanning

Model ST-516 and 808	
General Specifications	
Operating System	Windows 7
Board Size	25mm x 25mm to 369mm x 488mm
Board Thickness	0.3mm to 5.0mm
Vision Camera	400 megapixel full color high speed digital CCD camera
Lighting System	Three channel white LED or GRB light source
Resolution	10um, 15um, 18um, 25um optional
X/Y System	Panasonic AC Servo
Power requirements	220V AC Single phase 60hz
Machine foot print	980mm x 945mm x 1260mm