

First Article Inspection System



An advanced manual optical navigation system which allows simple and quick inspection of first article PCB's by high resolution scanning of the assembled board, components list (BOM), and assembly drawing; simultaneously, in real time.

- User friendly graphical user interface (GUI) software does not need skilled operators. Ready to use within minutes
- Needs only CAD file, BOM, and assembly drawing
- No need for "golden board" or any programming
- Source of database according priorities/groups
- Easy-to-read component values; even laser marks
- Displays the components and drawing location simultaneously on the same screen
- Create and print a report of test steps and error markings
- Special automatic zoom function displays the inspected component individually at optimal size and angle
- High resolution scanner, with special illumination
- Supports 0201 and larger components
- Special image filter helps read IC laser markings

Combines a special optical scanner and unique software designed to inspect SMT board assemblies before or after soldering.

The system imports the user database and allows test sorting by different definitions/filters.

Supports .xls, .dwg, .jpg, .lpdf, .txt, .csv and other common file formats.