

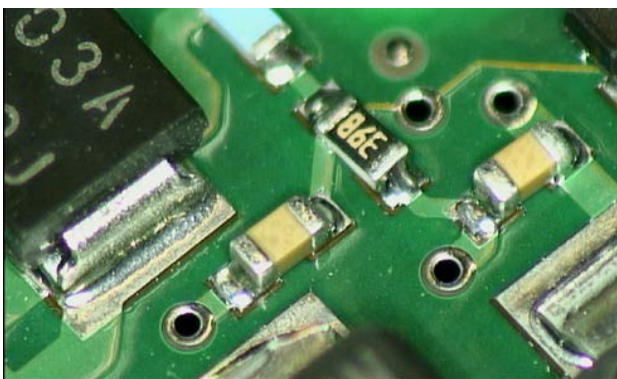
# Semi-automatic Inspection AutoInspect HD

**4** JENA  
ENGINEERING

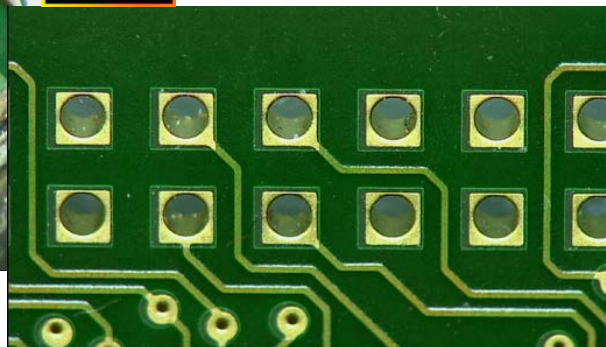
## AutoInspect HD- The productive HD inspection system for single or series control

Through the connection of the proven HD-Inspektor and components of our motorized positioning table-modular system, a new PC-controlled semi-automatic inspection device is created. It disposed a flexible inspection area and can be used versatile.

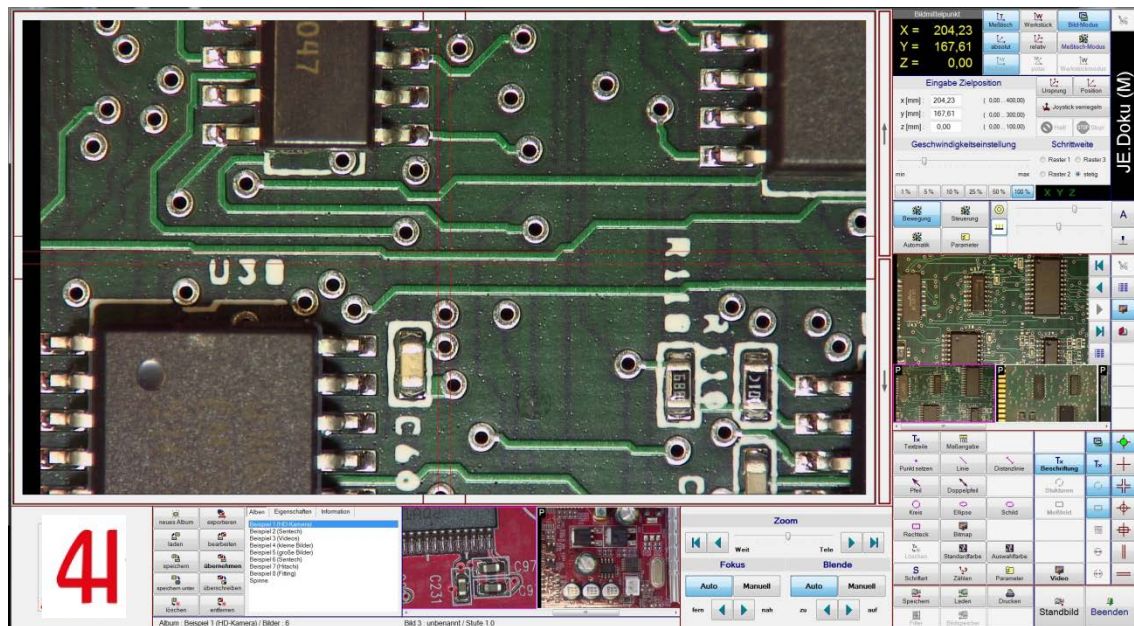
- **Full-HD camera**
  - brilliant live visualisation
  - 30x motorized optical zoom, 2x digital zoom
  - quick autofocus system, automatic shutter and gain control



Full HD  
1080



- **Motorized positioning system** with 400 x 300 x 100 mm volume of inspection (customer-specific volume of inspection possible)
  - ring light and sloping light with latest COB-LED-technology, separately dimmable
  - laser pointer for orientation on large sized components
  - fast camera positioning in the whole volume of inspection by a motorized drive



- **Inspection software JE.Doku M**
  - user Interface for the operation by a 27" QWXGA-monitor with 4 mpX (2540 x 1600 pixel), control computer with Intel i3® processor, Full-HD framegrabber
  - device control by a three-axe-joystick, optional with Trackball or SpaceNavigator™
  - guided visual inspection of serial products (positions will be approached automatically, automatic restore of camera and lighting settings)
  - check against master image, sequence generation by a intuitive teach-in mode
  - image editing, image caption, creation of a picture database

Through the combination of these technical characteristics, a new generation of semi-automatic inspection is being developed for individual applications, as well as for small series production in the electronics industry and the production of printed circuit boards.

A reduction of workload in the quality control and the time savings in documentation are factors that pay off quickly.

Due to the possibilities of saving and document control results, the requirements of the DIN-ISO for quality assurance are also fulfilled.

For more information, please contact the optical inspection branch of our company or visit our website.