

Optilia, Flexia BGA/SMT Video Inspection Microscope

The Flexia Optical Inspection System is an easy-to-use highly versatile, Video Microscope for look-down or look-under visual inspection of BGA/SMT solder joints, packages and assemblies. Flexia is portable and can be connected to a Laptop for mobile applications. Optilia Picsara image processing software can be added to provide calibrated measurement, audio commentary, image analysis and case file data management.

Features:

- Setup in seconds
- Use free-hand or on a precision stand
- Use in look-down or look-under mode
- ESD protected and approved
- Connect to a PC or Laptop to capture images, perform measurements and data management using "Optilia Picsara" Software
- Optimized for lead-free inspection & documentation

Applications:

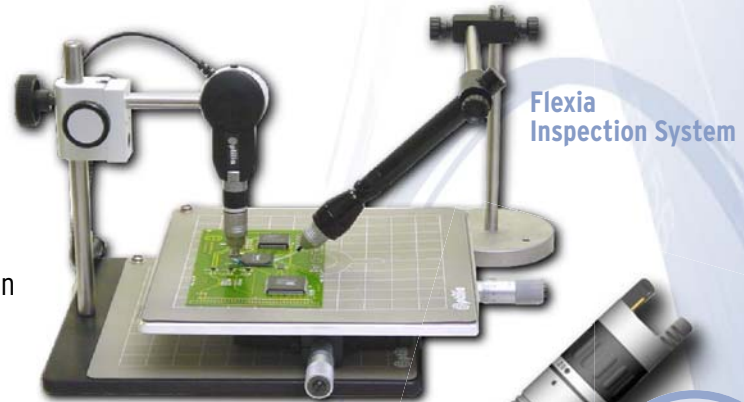
- Digital image recording and measurement of solder for SMT packages, BGA, μ BGA, CSP, etc.
- Visual Inspection of assembled PCBs (look-down or look-under inspection)
- Inspection of pads, solders and flux mixtures
- Inspection of cuts and scores

System Includes:

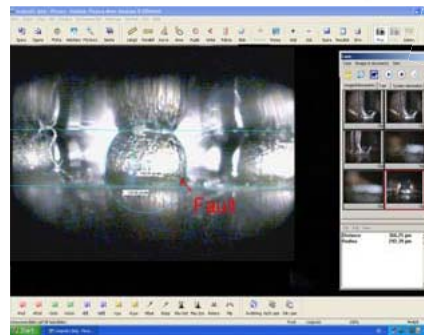
- BGA Inspection Lens
- 1-60x Macro Zoom Lens
- Focusing Stand, large board, Anti static
- Brush Light, Cruise Xenon (rechargeable)
- Charger for brush Light
- Stand for Brush Light
- Power Supply
- Connection Cables and User's Manuals

Optional Accessories:

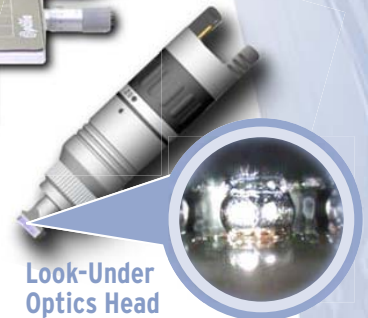
- XY-Translation Board, Anti static OP-006 109
- Picsara, Measurement Software OP-006 113
- 170x Fixed Objective lens OP-019 113
- 250x Fixed Objective lens OP-019 114
- Ring Light White LED OP-019 111
- PCMCIA (Cardbus) Frame Grabber OP-006 072
- Focusing Stand (antistatic) OP-006 048P-019 113



Flexia
Inspection System



Optilia Picsara Software
Capture / Measure / Manage



Look-Under
Optics Head



Look-Down
Optics Head



About FocalSpot

FocalSpot, Inc. is recognized worldwide as a leader in the design and manufacture of affordable high-quality x-ray inspection systems; providing Inspection and Rework solutions for Electronic Manufacturers worldwide. FocalSpot is also a regional distributor and value-added reseller for DEN-ON BGA/SMT rework solutions; Optilia BGA/SMT video microscopes; and First Article AOI Inspection Systems; providing sales, service and support in North/South America, Canada and Mexico.