

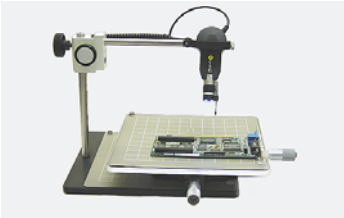
Set up Flexia BGA in a few seconds and operate it stationary or mobile, in your Hand or on Stand in any location.



Connect Flexia BGA to your PC or Laptop and utilize benefits of Digital Image Capture, Measurements and Data Management using powerful "Optilia Picsara" Software.

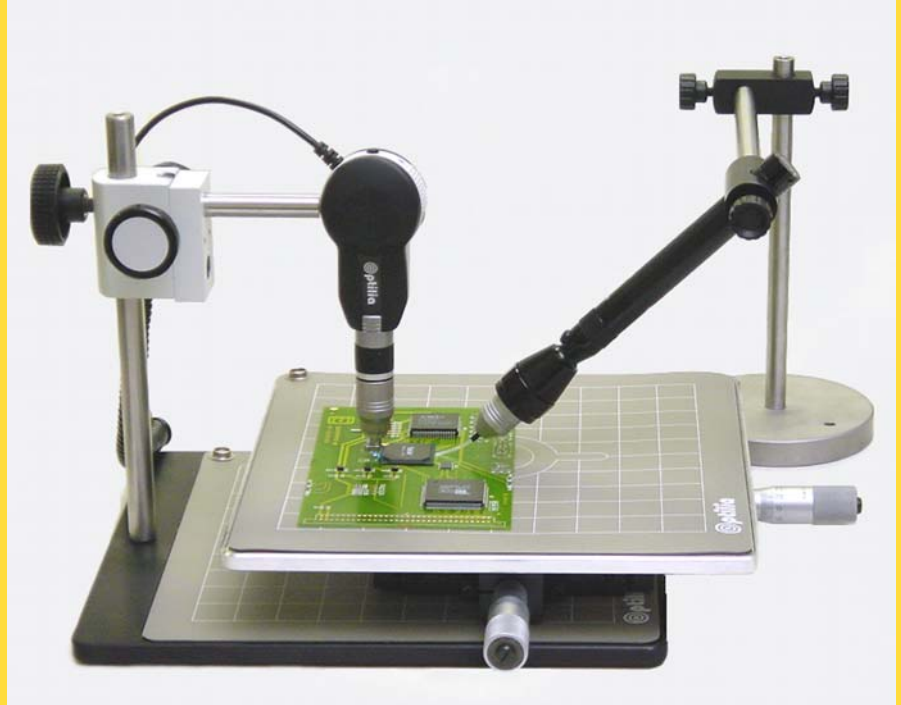


Exchange the BGA Lens with the included Standard Zoom Lens and convert Flexia to a high resolution Video Microscope for visual inspection of assembled PCBs, solders, components, pads, etc.



Flexia BGA Inspection System

New, highly Flexible, Video Microscope for Easy and Reliable visual inspection of solder joints of BGA, μ BGA, CSP and Flip-Chip packages



Flexia BGA inspection System & Antistatic XY-Translation Board

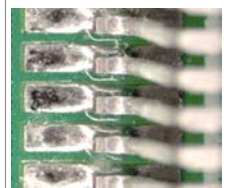
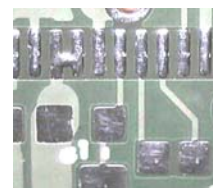
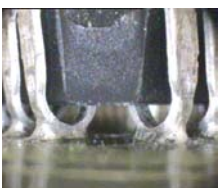
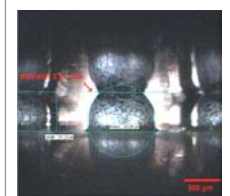
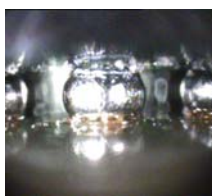
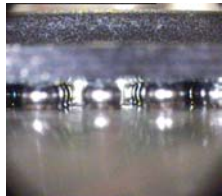


Optimised for **lead-free** inspection, analysis, digital recording and documentation

ESD
Approved

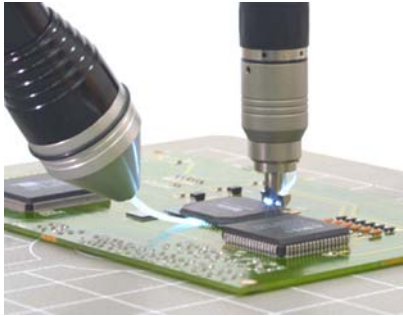


The more you can see, the more you can fix!

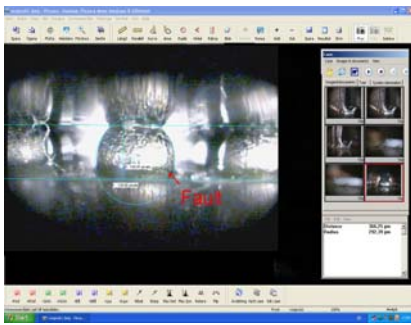




Flexia C1 ESD & Side Viewing BGA inspection Lens, free-hand operation.



Side Viewing BGA Inspection Lens & Brush Light, White LED



Picsara, Data Base and Measurement Software including High Speed USB2.0 Frame Grabber



Applications:

- Visual Inspection, digital image recording and measurement of solder of BGA, μ BGA, CSP and Flip-Chip packages
- Visual Inspection of assembled PCBs.
- Inspection of pads, solders and flux mixtures.
- Inspection of cuts and scores.
- Digital Image recording and measurements

Specifications:

- Image Sensor • $\frac{1}{4}$ " Sony SuperHAD™ Color CCD, PAL (NTSC)
- Magnification BGA lens • ~ 40x – 160x on 14" monitor (4x zoom)
- Focusing range BGA lens • ~ 1.5 – 12 mm
- Field of view BGA lens • ~ 1.7 – 6.8 mm
- Minimum free working area • ~ 1.5 mm around the BGA component
- Magnification Std. Zoom lens • ~ 1x – 60x on 14" monitor (60x zoom)
- Focusing range Std. Zoom lens • ~ 8 – ∞ mm
- Field of view Std. Zoom lens • ~ 5 – 500 mm
- Front Illumination • Integrated Long Life White LED
- Background Illumination • Brush-Light, Long life White LED
- Storage Environment • -10° – +60° C, Max 98% RH, non-condensing
- Operating Environment • 0° – +45° C, Max 95% RH, non-condensing
- Power Source • 14.0 \pm 2.0 VDC, 200mA.
- Size/Weight Flexia BGA • 160x50x36 mm (LxHxW), 200 gr. Max.
- Size/Weight Focusing Stand • 240x240x230 mm(LxWxH), 2.4 kg. Max
- Size/Weight Brush Light Stand • 110x250x215 mm(Φ xWxH), 1.6 kg. Max
- ESD Approval • EN 100 015-01, IEC 61340-5-1, IEC 61340-5-2



Flexia BGA inspection System with XY-Board and Picsara software

Optilia Instruments AB

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Web: www.optilia.com

Distributor:

Ordering information:

Item	Article Nr.
Flexia BGA Inspection System	OP-019 155
Included Items	
- Flexia C1 ESD protected	
- 1 to 60x macro Zoom Lens	
- Side viewing BGA inspection Lens	
- Focusing Stand, large board, Antistatic	
- Brush Light, White LED	
- Stand for Brush Light	
Optional accessories	
XY-Translation Board, Antistatic	OP-006 109
6.8" TFT LCD Monitor, metal housing	OP-006 143
High Speed USB2.0 Frame Grabber	OP-006 025
Picsara, Database and Measurement Software	OP-006 113

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