

## Flexia C1, ESD Protected Video Inspection Microscope

Mobile, lightweight and highly flexible Video Microscope adaptable to different applications, which demand mobility, high resolution and fast field deployment

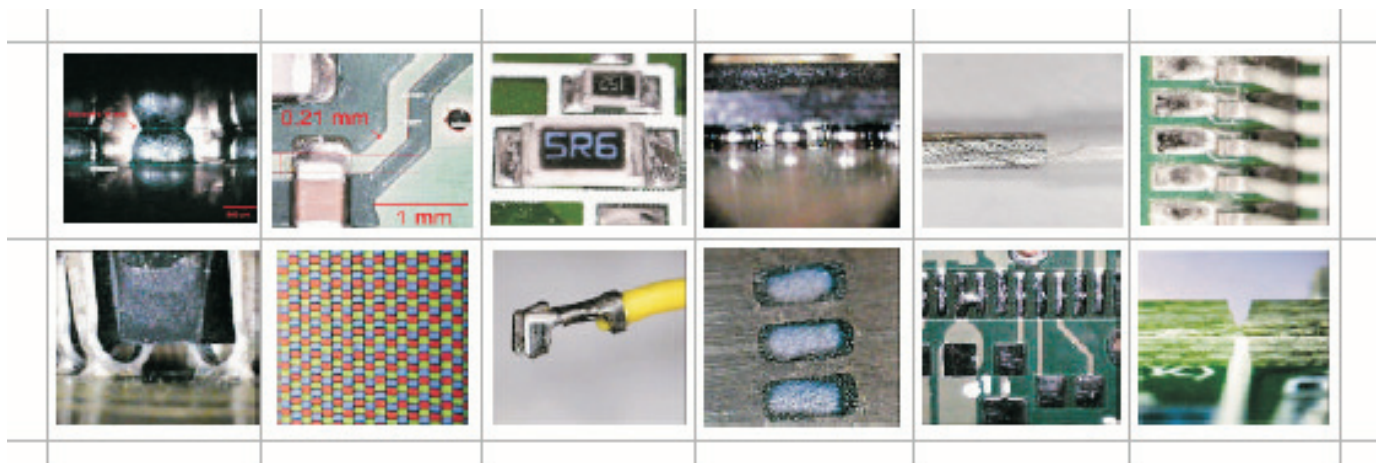


Creates high-resolution pictures at a wide range of magnifications on your PC, CRT- TFT- or any TV Monitor



Designed for Inspection, Quality Control, Measurement and Digital Recording of magnified picture of Pads, Solder joints, Assembled PCBs, Components, etc.

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



# Flexia C1, ESD Protected Video Inspection Microscope



## APPLICATIONS

Optical visual inspection of:

- Assembled PCBs
- BGA, uBGA, CSP and Flip-Chip solder joints
- SMT solder joints and components
- Pads, painted surfaces, cuts and scores
- Stencil apertures, solder paste and flux mixtures
- Wire-Bonds
- Connectors, cables and stripped wires
- Pick-and-place heads
- Hybrid- and flexible boards
- LCD's
- Documentation and Digital Picture/video Recording
- Real time presentation.

## SPECIFICATIONS

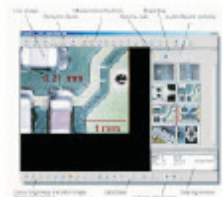
Image Sensor	1/4 "D2 Sony SuperHADTM Color CCD
Video Signal	Composite PAL, 1 V t-t/75 O (NTSC as option)
Magnification	20-70x with std. Zoom lens. 1-60x with optional Zoom lens
Focusing range	& 100x, 170x, 250x and 500x with fixed Objective lenses
Field of view	~ 10 "D0 80 mm (~ 8 "D0 8 mm with 1-60x zoom lens)
Illumination	~ 4 "D0 15 mm (~ 5 "D0 500 mm with 1-60x zoom lens)
Storage Environment	Integrated Ring Light, white LED, 4000 mcd
Operating Environment	-20° "D0 +60° C, Max 98% RH, non-condensing
Power Source	0° "D0 +45° C, Max 95% RH, non-condensing
Size/Weight	14.0±2.0 VDC, 200 mA min. Via Power supply
ESD Approval	140x50x36 mm (LxHxW). 180g. Max
Accessories	Complies to EN 100 015-01, IEC 61340-5-1, IEC 61340-5-2 Side viewing lenses. Borescope lenses. Ring lights. Various stands and articulating arms. USB2.0 or FireWire PC adapters for PC connection. Software for non-contact dimensional measurements, image analysis, documentation and archiving. Aluminium transport case with shoulder strap. Battery Unit. Etc.



Flexia Vision XY-Measuring System, ESD-protected  
Item No. OP-019 155



Video Inspection System  
Flexia C1 ESD  
Item No. OP-019 022



Picsara, Data Base and Measurement Software  
including High Speed  
USB2.0 Frame Grabber  
Item No. OP-006 113

