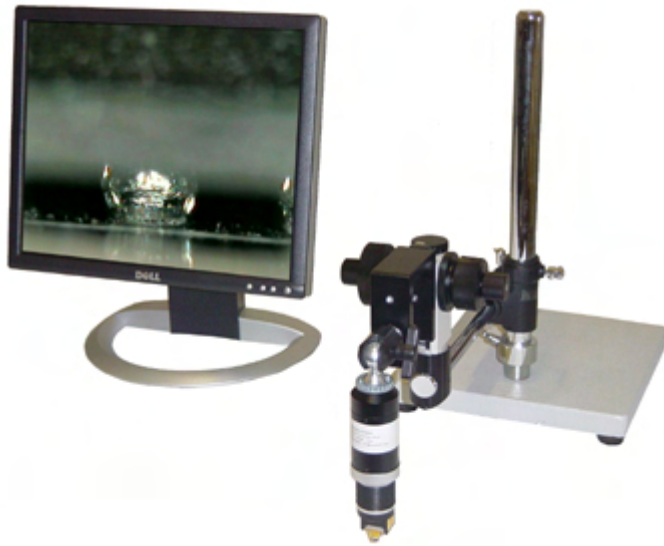
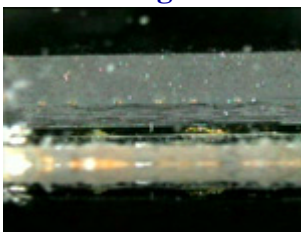


## YSC Scope 7014 for BGA and microBGA

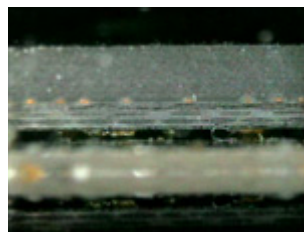


YSC Scope (Model YSC-7014 and YSC-70) with integrated LED lighting and camera is ideal for BGA, CSP and QFP inspection. Interchangeable 90 degree horizontal viewing prism tips from 0.5 mm to 2.0 mm size can be used for various stand off height and gap sizes. Straight viewing tip option is also available.. The YSC Scope can be handheld, or configured with various accessories (stand, xy table, double sided board holder, back lighting, video capture card, and measurement software) for easy operation.

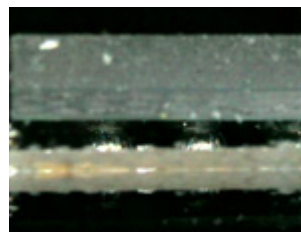
### Actual Images



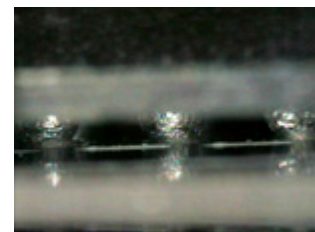
12Mil Micro BGA



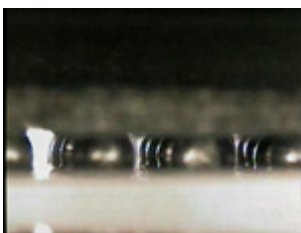
12Mil Micro BGA  
Package Pro



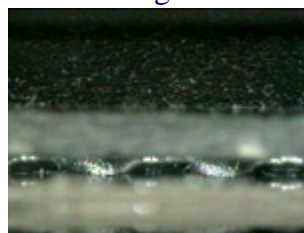
20mil Micro BGA



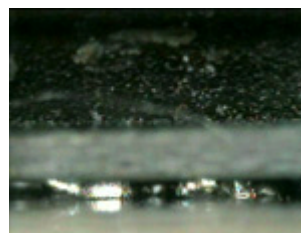
70X Micro Fracture



Back Rows with Back  
Lightin



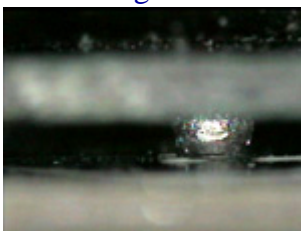
Bridge



Bridge 2



Bridge with Back  
Lighting



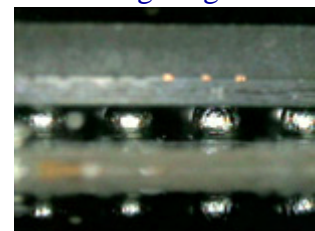
Crack



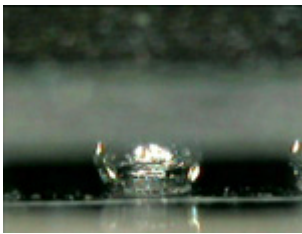
Cracks Wide View



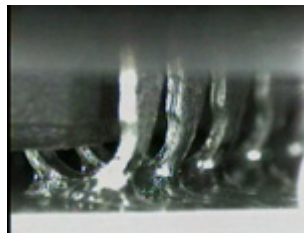
CSP with Back  
Lighting



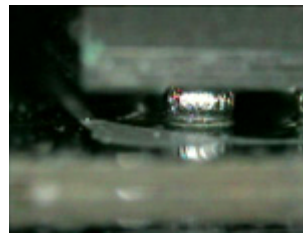
Fracture



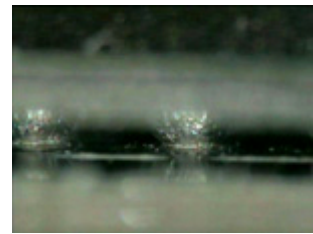
Fracture Sample



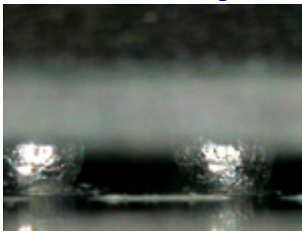
J Lead



Micro BGA -Fracture



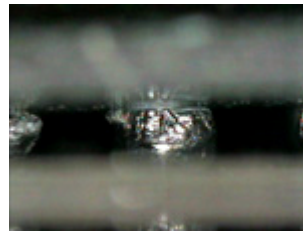
Micro Crack



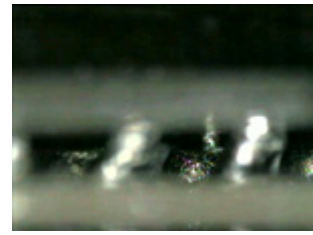
Micro Fracture



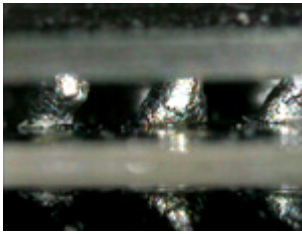
Open



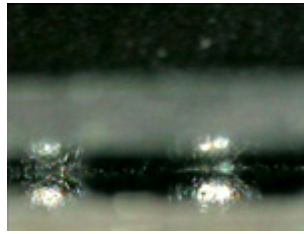
Scaling



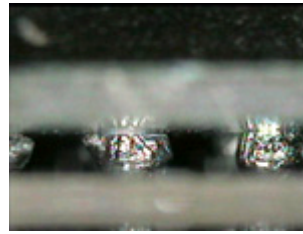
See Back Rows



Shifting



Top Portion View



Uneven Shape

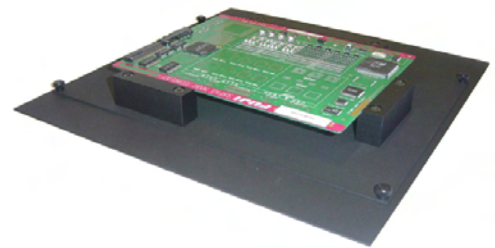
## Hardware



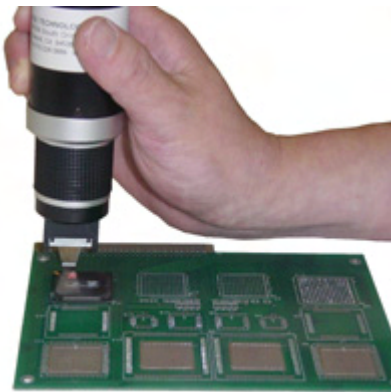
Adjustable Tilt Stand



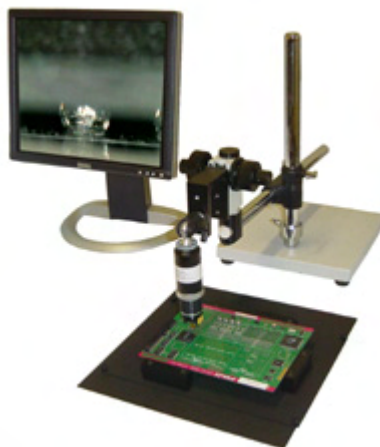
Change Viewing Angle



Double Sided SMT Board XY Stage



Hand Held Operation

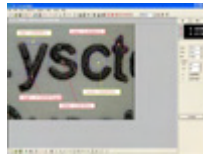


YSC Scope 7014 with  
Universal Boom Stand and  
XY Stage for Double Sided  
SMT Board

## Video Accessories



ImagePower System for Measurement, Multi-Focus and Tiling



Video Measurement Software



Flat Panel Computer Monitor



Flat Panel LCD Monitor



Video Capture and Display Card



Portable Sony Memory Stick and Video Recorder



Video Printer



Various Stand Options



XY Stage for Double Sided SMT Board



Manual or Motorized XYZ Measurement Stages



Double Sided SMT Board XY Stage



Lighting Accessories

## YSC Scope 7014 for BGA and microBGA Specifications

Model	YSC-7014		YSC-70
Zoom Range	70X to 140X		70X
Resolution	H: 330 TVL / V: 350 TVL		
Video	NTSC / PAL / COLOR		
Magnification	140X	70X	70X
Stand Off Height	0.15mm	0.30mm	0.30mm
Depth of View	1x2mm	2x4mm	2x4mm
Depth of Focus	2.5mm	5.0mm	12.0mm
Illumination	LED		