

Real time X-ray inspection

*Your one stop source for
microscopes, microscope
accessories, X-Ray, and video
systems*



Optical & Video Specification:

Optical Magnification: 7X to 45X
Optical Field of view: 33-5 mm

Video Magnification: 13X to 81X
Video field of view: 29-4 mm

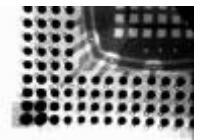
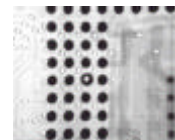
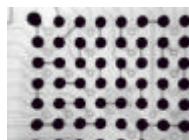
- Compact & Practical design. Whole system weight is less than 100 lbs.
- Simple installation and operation, requires no experience nor training.
- Total setup time is less than 30 minutes, and you are ready to inspect your BGA's.
- Plenty of room to manipulate board.
- Inspect BGA as fast as you can use a microscope or inspect it through a video screen.
- It takes less than 30 second to inspect a BGA chip.
- Whole system is on a wheeled table to be pushed to different assembly lines.

SCIENSCOPE

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Sample Images



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X-RAY GENERATOR:

Activation:	Key switch
Dimensions	8" H x 11" W x 15" D
Weight	23 lbs
X-Ray kV	0 to 50
X-ray current	0 to 200 micro amps.
Power	10W maximum
Operating humidity	90% maximum
Cooling	Forced air
Line Voltage	100, 120, 220, 230-240VAC Optional 12 VDC
Line frequency	47 to 63 Hz

X-RAY POWER SUPPLY/CONTROLLER:

Dimensions	16" H x 4.5" W x 4.5" D
Weight	24 lbs
Useful x-ray kV	22 to 50
Beam current	200 micro amps at 50 kV
Power	10W maximum
Focal spot	80 μ m
Target	Tungsten
X-ray filter	2.0 Aluminum equivalent
X-ray window	Beryllium
Operating temp	32°F to 100°F (0°C to 38°C)
Operating humidity	90% maximum
Cooling	Forced air
Housing	Stainless steel