

# TABLETOP OS SYSTEM

The Lixi LF-85-5XX-OS tabletop system provides high-resolution images in a compact, economical package. When size or accessibility is an issue, the tabletop OS system can be used as a stand alone imaging system in many applications where conventional cabinet x-ray isn't an option. The open tabletop configuration allows for flexibility in dealing with odd shaped items - from packages in a mailroom to castings in a manufacturing plant. As with all Lixi products, our engineers have designed the tabletop system for ultimate safety and ease of use.

The tabletop OS system can be equipped with several imaging options ranging from a direct view, 2X magnifier to a high resolution digital camera with computer-based image processing. Additionally, the system is offered in numerous detector-to-generator and throat configurations.

## FEATURES:

- 22 to 50kV x-ray source
- 50 micron focal spot
- 10W maximum power
- Analog kV & mA control with digital displays
- 10 to 12 lp/mm resolution at 1:1
- Manual sample manipulation
- 10" x 12" scan area
- Open system allows for maximum flexibility
- Modular design enables custom solutions

In addition to providing ready-to-use open x-ray capability, this system is an ideal tool for adding x-ray technology to your custom inspection projects. Users of machine vision equipment and OEM manufacturers favor the tabletop OS system due to the ease of which it can be integrated with other inspection solutions. Whether needs call for a simple, safe benchtop x-ray system or for x-ray technology which can be integrated into custom inspection applications, the Lixi tabletop OS system is the answer.



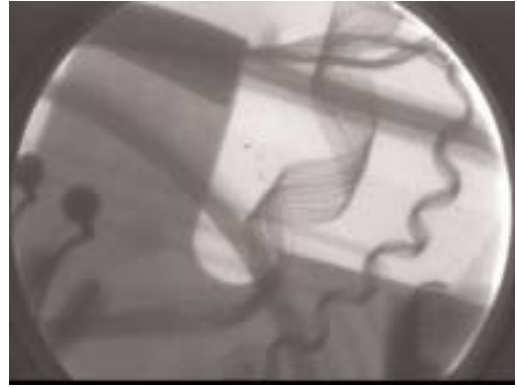
## PRODUCT OVERVIEW



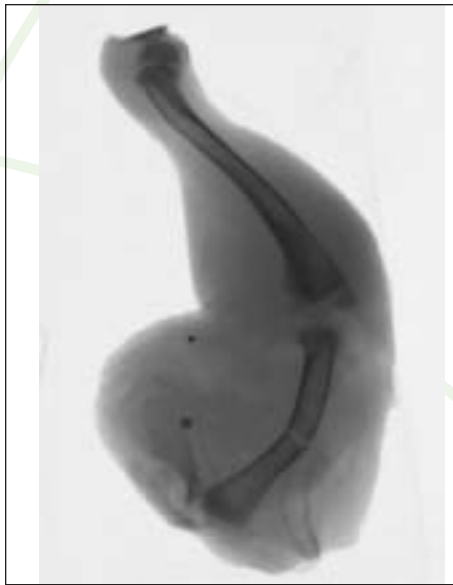
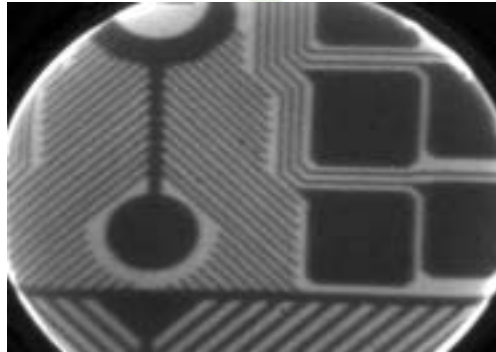
**EXAMPLE PARTS THAT CAN BE IMAGED:**

- Electro-mechanical assemblies
- Wire harnesses
- Circuit boards
- Linkages
- Medical devices

Electronic assembly  
inside a hearing aid.

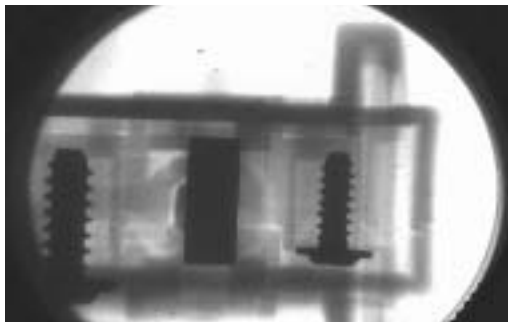


Traces on a flex  
circuit.

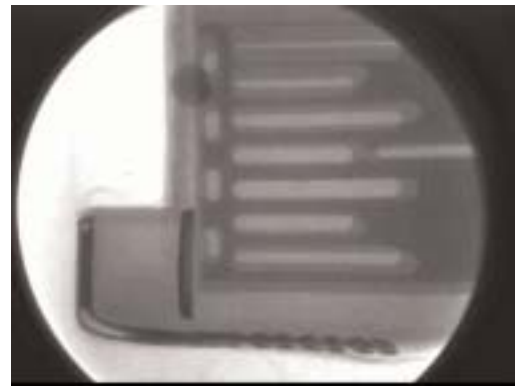


Poultry

Fasteners inside  
an assembly.



Inkjet cartridge



**APPLICATIONS:**

- Engineering support
- Process control
- Failure analysis
- Product design
- Non-destructive testing
- Custom inspection solutions/OEM



Lixi, Inc. 11980 Oak Creek Parkway, Huntley IL 60142  
P 847 961 6666 F 847 961 6667  
www.lixi.com