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Ultra Compact Jewel Box Microfocus For X-ray Inspection of Electronic Assemblies and Medical Devices.

Glenbrook Technologies has redefined x-ray inspection with the smallest Jewel Box Microfocus X-ray system yet. With dimensions of just 22" wide by 26" deep, it is small enough to fit on a standard desk but capable of up to 500X magnification with 5 axis positioning and laser locator. The Jewel Box Microfocus with MXRA™ X-ray Imaging Technology is the high magnification x-ray inspection instrument for the quality assurance of critical medical devices and electronic components including those made of a broad range of materials including; silicon rubber, polymers, collagen as well as steel, platinum and titanium. MXRA™ x-ray imaging technology is unique in its ability to image in real-time, at a very broad range of voltages, for both low and high density materials.

Specifications

Operating voltage: 120v/220v/50-60Hz

Anode voltage: 0 to 80 kV, adjustable.

Anode current: Up to 200 micro-amps

Field of view: 25 millimeters

Resolution: 10 microns (depending on magnification)

Magnification: 7 to 500 X (variable)

Focal spot size: 10 microns

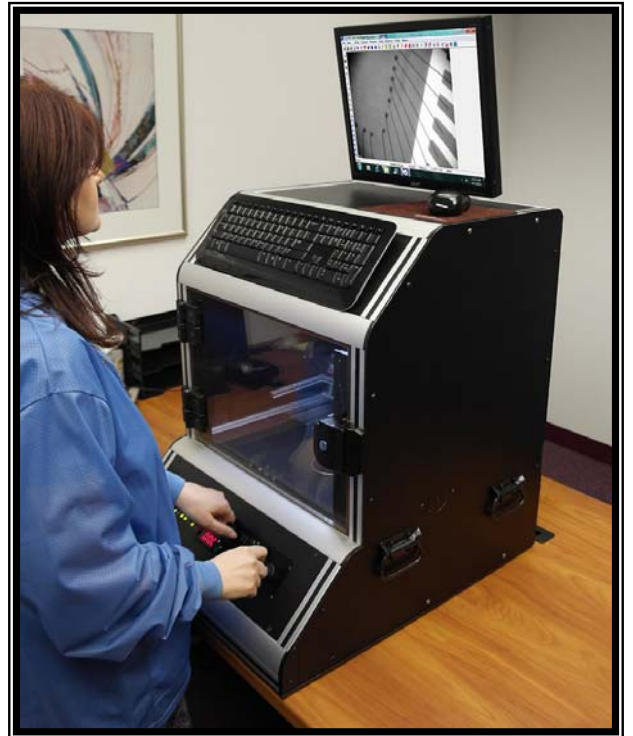
Dimensions: 22" W x 26" D x 27" H

X/Y Travel: 5" x 9"

Device positioner: 5 axis
(x/y/z, rotate, tilt)with joystick control.

Laser Locator for precise location.

Image Processor: GTI-2000 Image Processor with variable frame averaging, contrast adjustment, measurement capability, image save in tiff, jpg or avi video formats.



- Windows 7 64
- Intel NUC DC3217IYE solid state I3 Computer
- VGA monitor out (HDMI Option)
- Wireless Network Connectivity
- Wireless detachable mouse and keyboard
- CE Approved

