

XPERT 90™

MICROFOCUS X-RAY SYSTEM FOR SCIENCE & RESEARCH

The XPERT 90™ is a self-contained, shielded cabinet X-ray system designed to meet imaging requirements for various micro focus X-ray imaging requirements in Science and Research. These applications include:

Agriculture
Botany
Granaries
Small Castings

Semiconductors
Marine Biology
Forestry
Medical Device Inspection

BGA Inspection
Pharmaceuticals
Small Animal Research

With its small focal spot x-ray source and adjustable sample positioning capability, the XPERT 90™ provides variable magnification and maneuverability for increased visibility and sharpness of detail.

The XPERT 90™ is easy and simple to operate. Its compact size, low weight, and standard AC power requirement allow it to be conveniently located and operated in any laboratory or field setting.

- Energy Range: 20-90 kV*
- Tube Current: 300 μ A
- Focal Spot size: 4 microns
- Window Filtration: 0.005" beryllium
- X-ray Coverage: 40 degrees
- Power: 90-250 VAC, 50/60 Hz, 400VA
- Size: 18"w x 22"d x 30"h
- Weight: 150 lbs.
- * - Micro focus sources with output up to 160 kV available

DIGIVIEW™ Digital Imaging Option:

- 2" x 2", 2" x 4", 4" x 4", 8" x 8", or 8" x 10" Field of View
- 3.5 /1.8 Image Intensifier with Beryllium window
- Image Processing Software
- Dedicated Workstation with 19" flat panel monitor
- Various part handling devices available
- Optional DICOM compliant software

Specifications are subject to change without notice.

With its complete shielding and other required radiation safety features, the XPERT 80™ is in full compliance with Federal and State requirements for radiation safety. It does not require licensing and typically only requires registration with the state in which it is installed.