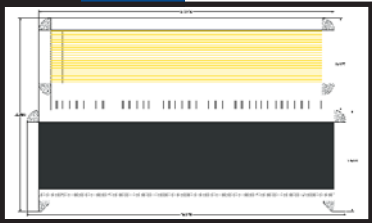


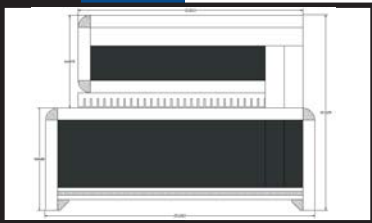
The XRI-1 features:

40 - 70 kV Adjustable source
10 - 300uA Adjustable source
250 micron focal spot
1" FOV detector
4X - 40X zoom camera
0 - 256 frame video averaging
laser pointer

POWER INPUT **WEIGHT**
110V or 220V **150 lbs**



Front View
30" x 18"



Side View
26" x 18"



Rear View
30" x 18"

MINI MICRO STENCIL INC.

Rework Solutions

Mini Micro Stencil, Inc.

1165 Linda Vista Drive Suite 107 San Marcos, CA 92078

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sales@minimicrostencil.com



XRI - 1 Series 70kV Real Time X-ray System

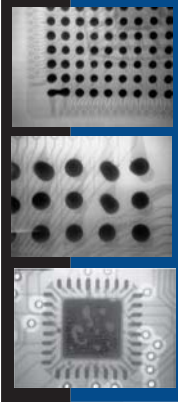
Features, options, & specifications are subject to change. Items represented in this catalog may differ from product at time of sale. For current detailed specifications contact Mini Micro Stencil, Inc.

WHERE PRICE MEETS PERFORMANCE

Mini Micro Stencil, Inc. has been instrumental in changing the way rework is viewed and what can be done in-house. With a full array of rework stencils, tools for re-balling and solder paste printing applications we want to help operators take control of their rework needs. To compliment the tools that we have developed over many years of hands-on-experience, Mini Micro Stencil Inc, is proud to introduce the XRI-1 real time X-ray system.

The XRI-1 is a compact X-ray system for any inspection application. Whether you need to inspect electronic assemblies, bare boards, or low density medical devices the XRI-1 has the sensitivity and adjustability to accommodate a large variety of subjects. The XRI-1 also has the power and resolution to clearly see potential problems.

You can rely on Mini Micro Stencil's dedication, innovation and experience to come up with real rework solutions for your most challenging needs.



BGA, QFN, SMT ASSEMBLY

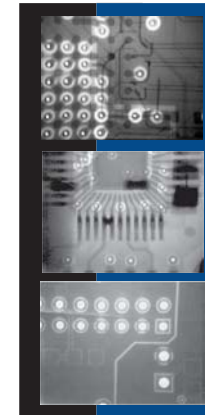
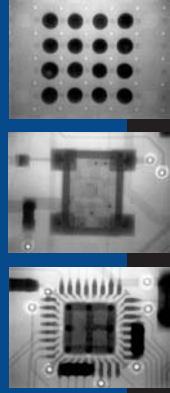
- Identify shorts or bridges
- Find opens, or miss-registration
- Catch contaminates
- Locate voids

The only way to truly inspect BGAs and QFNs. Even metal topped components or parts with heat sinks attached can be inspected effectively.

COMPONENT AUTHENTICITY VERIFICATION

- Make sure the parts are real
- Check for internal component damage

Sensitive enough to see the component die and bond wires of the device to ensure the part is genuine or not damaged.



PCB REPAIR

- Guarantee trace removal or additions are correct
- Spot other potential problems

The adjustable kV & mA allow a clear view of thin trace repair without overpowering and losing clarity.

PRINTED CIRCUIT BOARD FABRICATION

- Assure drill offset is correct
- Verify clean etching process

Although the XRI-1 has a small footprint it is able to accommodate large panels. Going to the center of 24" panels and accepting panels of unlimited width.



MEDICAL DEVICE QUALITY ASSURANCE

- Non destructive troubleshooting
- 100% QA inspection of entire device

Samples up to 1.5" can pass right through. Larger devices can be placed inside through the safety interlocked leaded acrylic door.

