

# SOFTEX SHR SERIES

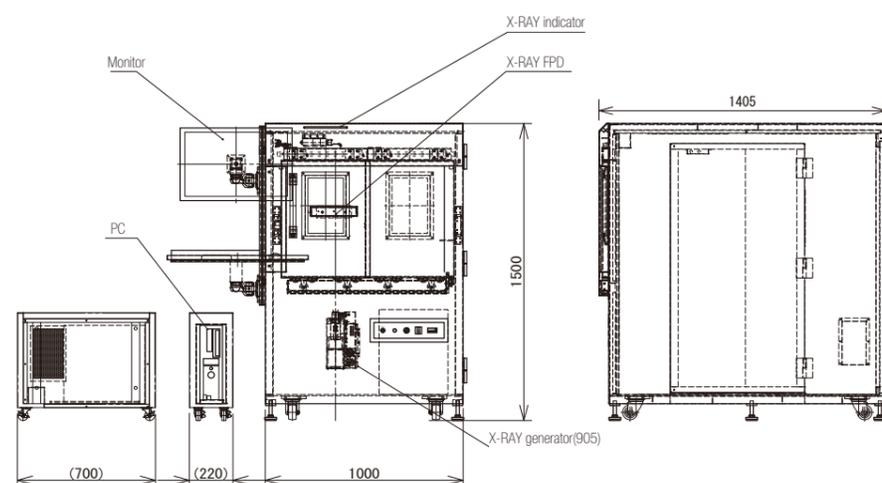
Pioneer of Soft X-ray  
**SOFTEX**<sup>®</sup>

Super High Resolution  
X-RAY INSPECTION SYSTEM

MODEL **SHR SERIES**

## SPECIFICATIONS

| MODEL                     | SHR-90  | SHR-100                |
|---------------------------|---|------------------------|
| Input                     | AC100V-240V, 50/60Hz                              |                        |
| Max. tube voltage         | 90KV  | 100KV                  |
| Max. tube current         | 0.1mA   | 0.1mA                  |
| X-ray detector            | Flat Panel Detector                               |                        |
| Input area                | 102×68 mm   | <Standard type>        |
|                           | 114×64 mm   | <High resolution type> |
| Resolution                | 1032×688pixel                                     | <Standard type>        |
|                           | 2304×1300pixel                                    | <High resolution type> |
| Sensor type               | CMOS active pixel sensor                          |                        |
| Stage stroke (X-Y)        | 250×330 mm  |                        |
| Stage control             | Visible light CCD mapping + Stage control program |                        |
| CT scanning system        | 3D CT scanning system <Optional>                  |                        |
| Drive confine (FPD Angle) | +60 Degree  |                        |

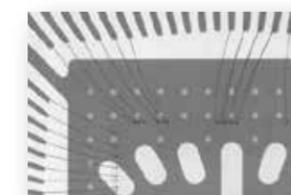


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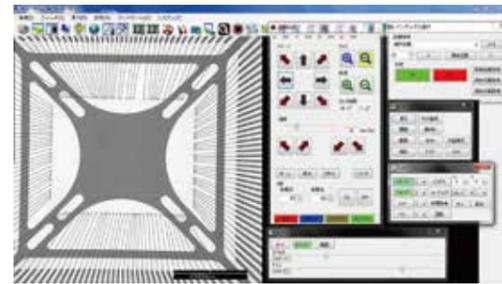
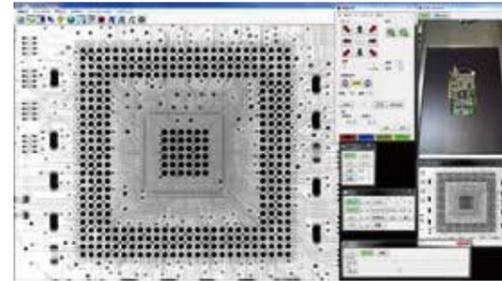
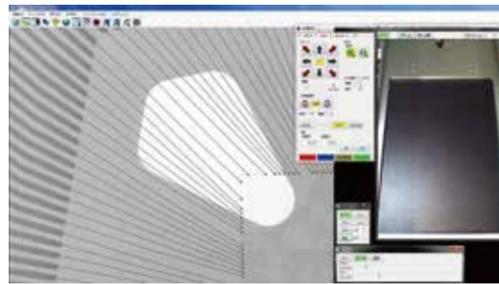
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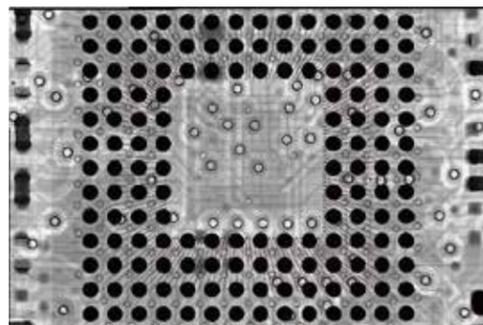
### FEATURES

- SOFTEX original Micro-focus X-ray generator for running cost reduction.
- Super resolution X-ray image by high performance Flat Panel Detector.
- Multiple inspection by flat panel inclination.
- Higher frame rate and mapping function.
- Higher output X-ray generator, CT scanning system, Auto-inspection software (Optional)

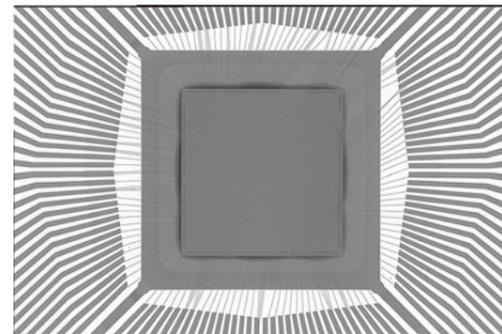


### SUPER RESOLUTION X-RAY SYSTEM

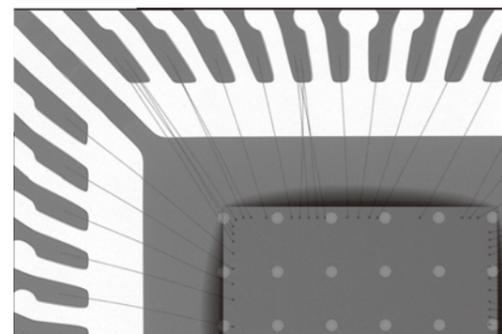
- Model SHR is equipped with SOFTEX original X-ray generator and high resolution flat panel detector. It is possible to detect the internal objects that cannot be detected by the existing system. Super resolution detector (3.0M pix) is also available.
- Higher frame rates produce smoother movement in the screen and enable no stress X-ray inspection.



BGA



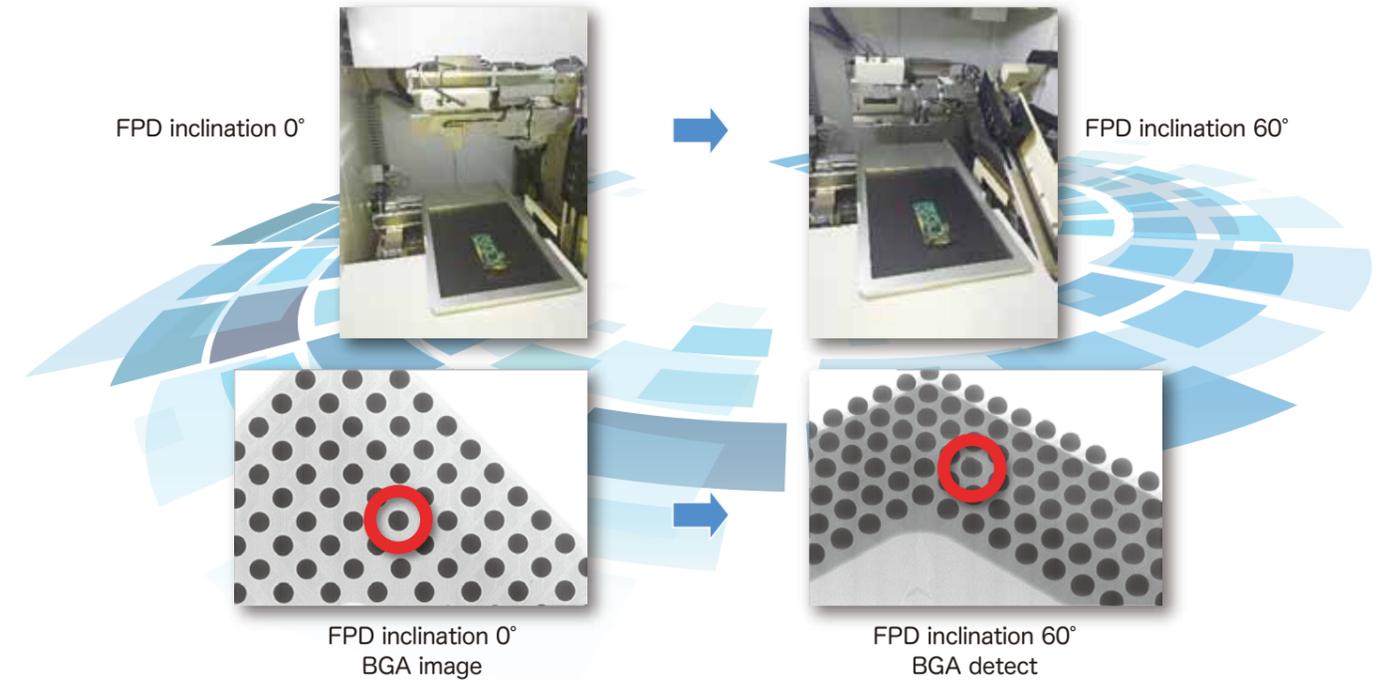
Cu wire 0.7mil



Cu wire 0.8mil

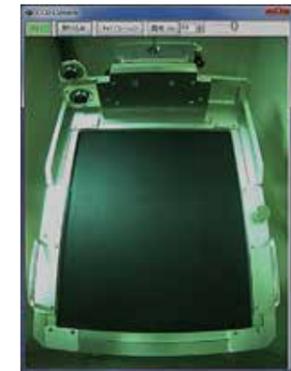
### Flat Panel Detector / Stage control program

- High performance flat panel detector. Max. inclination angle is 60° and high precision X-ray inspection is available.



### Visible light CCD mapping system

- X-ray image of clicked position on stage picture can be displayed by mapping function.



### 3D CT scanning system

- High accuracy 3D inspection is possible by rotation mechanism and original software.

