



 LEAP ELECTRONIC CO.,LTD.

AXI-80 X-Ray Inspection System



Automated X-ray Chip Inspection System

Introduction

The AXI series is designed to provide high resolution x-ray imaging primarily for the electronics industry. This versatile system is effective for many applications within the PCB manufacturing process. This includes BGA, CSP, QFN, Flip Chip, COB and the wide range of SMT components. The AXI Series is a powerful support tool for process development, process monitoring and refinement of the rework operation. Supported by a powerful and easy to use software interface, the AXI Series is capable of addressing small and large volume factory requirements.

(Contact us for details)

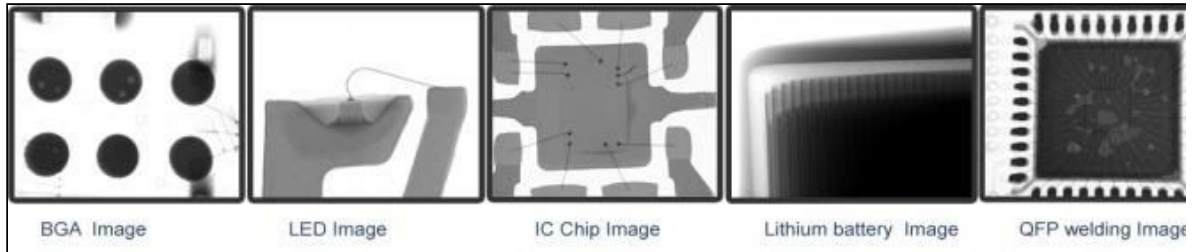
Features

- **5 μ m 100kV X-ray tube;**
- **Dynamic FPD with high-resolution of 1000 \times 1124;**
- **Equipped with 360° rotary fixture to eliminate PoP shadow;**
- **The detection area easily positioned by external rocker;**
- **Inspection & Analysis of soldering joint and materials inner structure;**
- **High safety with seamless lead welding, interlock and emergency button.**

Specification

Item	Definition	Specs
System Parameters	Size	750(L)x570(W)x890(H) mm
	Weight	300kg
	Power	220AC/50Hz
	Power Consumption	0.5kW
X-ray Tube	Type	Closed
	Max.Voltage	80/90kV
	Max.Power	200μA
	Spot Size	5μm
Detector	Intensifier	FPD
	X-ray Coverage	48mm x 54mm
	Resolution	208Lp/cm
Work Station	Max.Loading Size	200mm x 200mm
	Max.Inspection Area	200mm x 200mm
Oblique Angle Views		360° rotary fixture (Optional)
X-ray Leakage		<1μSv/h

Inspection Images



Application

BGA , CSP , LED , Flip Chip , Semiconductor, Battery Industry , Small Metal Casting, Electronic Connector Module, Aerospace Components , Photovoltaic Industry,Other Special Industries.