

J-BOX DETECTION MACHINE



Features

- The overall structure consists of convey unit, lead chamber, detector imaging system, etc.
- Servo feed, automatic switching, ensure that the modules can be feed in/out at the same time, save cycle time.
- The modules are automatically transmitted to the equipment, the detector automatically performs visual detection.
- Use touch screen interface to set the parameters such as module specifications, manual operation and alarm information.

Functionality

- Cycle time: $\leq 16s$
- Available working hours: $> 23h/day$
- Active rate: $\geq 99\%$
- Streamline speed: 800-1200mm/s (can be adjusted)
- Junction box welding mode: resistance tin welding
- One-time pass rate: $> 99.95\%$
- Switching time: $\leq 1min$

Specifications

Item	Value
Compatible module size	length: 1650-2520(mm); width: 900-1400(mm)
Light tube type	Microfocal spot closed tube
Power	90kV
Current	0.05-0.7(mA)
Imaging area	157*157(mm)
Spatial resolution	3.2LP/MM
Lead chamber radiation	$< 1\mu Sv/Hr$
Detection mode	Straight shot, multi-point detection (points ≤ 3)
Acquisition time	0.5s
Equipment transfer height	950 \pm 30mm