

# J-BOX DETECTION MACHINE

## 接线盒检测

### 功能描述

- 整体结构由组件输送单元，铅房，探测器成像系统等组成。
- 伺服进给，自动切换，保证组件可同进同出，节省工作节拍。
- 组件自动传送至设备内，探测器自动成像判别。
- 采用触摸屏界面，可进行切换组件规格、手动操作、报警信息等参数设置。

### 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.



### 设备技术性能

节拍: ≤16s  
 可利用工时: > 23小时/天  
 稼动率: ≥99%  
 流线速度: 800-1200(mm/s), 可调整  
 接线盒焊接方式: 电阻锡焊  
 一次通过率: > 99.95%  
 版型切换时间: ≤1min



### Functionality

Cycle time: ≤16s  
 Available working hours: >23h/day  
 Utilization rate: ≥99%  
 Streamline speed: 800-1200mm/s (can be adjusted)  
 J-box welding method: resistance tin welding  
 One-time pass rate: > 99.95%  
 Change time: ≤1min



### 技术参数 Specifications

项目 Item	数值 Value
适用版型 Compatible module size	长 length: 1650-2520(mm); 宽 width: 900-1400(mm)
光管类型 Light tube type	微焦斑闭管 Microfocal spot closed tube
光管功率 Power	90kV
光管电流 Current	0.05-0.7(mA)
成像面积 Imaging area	157*157(mm)
空间分辨率 Spatial resolution	3.2LP/MM
铅房辐射 Lead chamber radiation	< 1uSv/Hr
检测模式 Detection mode	直拍式, 多点探测 (点数≤3) Straight shot, multi-point detection (points≤3)
采集时间 Acquisition time	0.5s
设备输送高度 Equipment transfer height	950±30mm