# XL5800

## X-Ray Inline Inspection Equipment

XL5800 is an inline X-ray automatic inspection device equipped with an innovative self-developed AI intelligent Inspection algorithm. It has functions such as inline automatic feeding, automatic Inspection, automatic sorting, and marking of defective products. It occupies a small space and is suitable for fully automatic inline inspection of coils and discs and automatic feeding of production lines, realizing intelligent and automated product inspection.



## Product Features

**Miniaturization of Equipment:** Small footprint, easy to place and use

**Intelligent Automatic Inspection:** Equipped with innovative self-developed AI intelligent Inspection algorithm [customizable according to user needs]

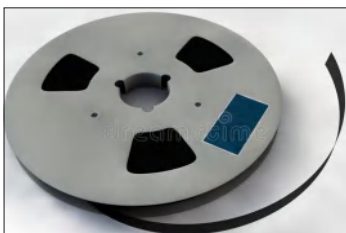**Equipment Compatibility:** Supports 7-17 inches, 8-80mm wide coils, track width is automatically adjustable

**Fully Automatic Inline Inspection:** Equipment automatically detects inline, automatically sorts defective products and marks them
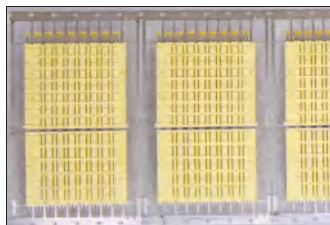
## Application Cases



Transistor Inline Inspection



IC Inline Inspection



Connector Inline Inspection

## Product Parameters

| Model No. | | XL5800 |
|---|---|---|
| X-Ray Tube | X-Ray Tube Type | Reflective sealed micro-focus X-ray source |
| | Tube Voltage | 0-90KV |
| | Tube Current | 0-200μA |
| | Maximum Output Power | 8W |
| | Micro Focus Size | 10μm |
| Flat Panel Detector | Flat Panel Type | Amorphous Silicon  Flat Panel Detector |
| | Pixel Matrix | 1536x1536 |
| | Field of View | 130mmx130mm |
| | Resolution | 5.5Lp/mm |
| | Image Frame Rate (1x1) | 20fps |
| Equipment Specifications | Input Power | 220V  10A/110V  15A  50-60Hz |
| | Operation System | Industrial Computer Win10 64 bits |
| | Inspection Sample Width Range | 8-80mm |
| | Dimensions | L2940mmxW1100mmxH1970mm |
| | Net Weight | 1210KG |