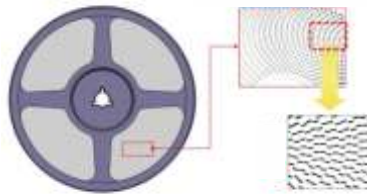


OFFLINE X-RAY REEL COUNTER



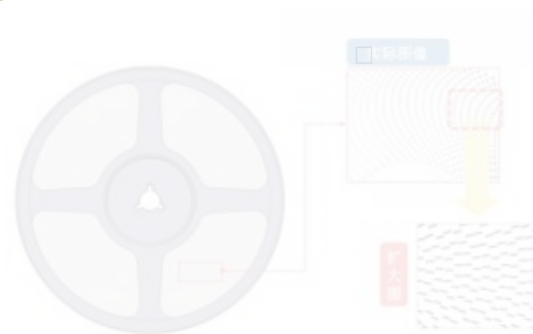
XC1000 OFFLINE REEL COUNTER

The XC1100 is a micro-focus X-ray fully automatic counting machine. It utilizes the X-ray imaging principle and a self-developed algorithm with AI functionality to quickly and accurately calculate the number of materials in a reel. Additionally, this X-ray chip counter supports MES data upload and automatic label printing, enhancing work efficiency and reducing labor requirements.



PRODUCT FEATURES SEAMARK XC1000 OFFLINE REEL COUNTER

- Compared with traditional counting/pointing machine, there is no need to unpack or transfer the reel in the X-Ray reel counter.
- Suitable for all types of chip components, SMD devices above 01005.
- Accuracy of counting reaches more than 99.99%.
- Measurable reel diameter is 7-15 inches.
- Innovative detection environment and algorithm with AI function.
- Realize automatic counting.



SPECIFICATION OF SEAMARK XC1000 OFFLINE REEL COUNTER

X-Ray Tube Source Specifications

| | |
|-------------------------|-------------------------------|
| Type | Sealed Micro-Focus X-Ray Tube |
| Voltage | 80 KV |
| Operating Voltage Range | 30-80KV |
| Operating Current Range | 200 -700 μ A |
| Max Output Power | 56W |
| Micro Focus Spot Size | 30 μ m-40 μ m |

Flat Panel Detector Parameters

| | |
|----------------------|----------------------------|
| Type | TFT Industrial Dynamic FPD |
| Pixel Matrix | 3072 \times 3072 |
| Field of View | 427mm \times 427mm |
| Resolution | 3.6Lp/mm |
| Frame (1 \times 1) | 6fps |
| A/D Conversion Bit | 16bits |

Equipment Performance Parameters

| | |
|-----------------|--|
| Dimensions | L800mm \times W1260mm \times H1950mm |
| Input Power | 220V 10A 50-60HZ |
| Max Sample Size | 450mm \times 450mm |
| Control System | Industrial PC WIN7/ WIN10 64bits |
| Net Weight | Approx 800KG |
| Radiation | <1 μ Sv/h |