X-RAY INSPECTION

SEAMARK XC1000

Offline X-Ray Reel Counter with AI Counting

AI Counting | No Unpacking | Over 99.99% Accuracy | 7–15 inch Reels | MES / ERP / WMS Integration



OVERVIEW

The **Seamark XC1000** offline counter counts the components on SMD reels by X-ray imaging. Image processing software with deep learning (AI) counts quickly and accurately, without unpacking the reels.

It exchanges data with the customer's MES, ERP or WMS and prints labels automatically, which saves labour and automates warehouse management.

KEY FEATURES

No unpacking
reels are counted without unpacking or transferring them

Accuracy
counting accuracy over 99.99%

AI image processing
deep learning algorithm for fast, accurate counting

All SMD components
for all chip components and SMD devices from 01005

Reel sizes
reel diameters from 7 to 15 inches

Integration
MES / ERP / WMS data exchange and automatic label printing

TECHNICAL SPECIFICATIONS

X-Ray Tube	reflective sealed microfocus tube, 30–80 kV, 0–700 µA
Focal Spot / Radiation Angle	100 µm / 45°
Detector	amorphous silicon flat panel, 3072 × 3072, 16-bit, 1 fps
Field of View	427 × 427 mm
Resolution	3.6 Lp/mm
Reel Size	7–15 inches
Power	220 V ±10%, 50–60 Hz, 0.75 kW
Interfaces	USB 3.0, RJ45 Gigabit Ethernet
Dimensions (L×W×H)	738 × 765 × 1760 mm
Weight	550 kg

Configuration, demo and quotation

InterElectronic is the Seamark partner for Hungary and Central Europe: application advice, sample tests, installation, training and service.

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Specifications according to Seamark. Subject to change without notice.