X-RAY INSPECTION

SEAMARK XL5800

Compact Inline X-Ray Inspection with AI Algorithms

Inline Automatic Inspection | 7–17" Reels, 8–80 mm Width | Automatic Sorting and Marking | Small Footprint



OVERVIEW

The **Seamark XL5800** is a compact inline X-ray inspection system with self-developed AI inspection algorithms. It feeds, inspects, sorts and marks defective products automatically.

The small footprint and automatic track width adjustment for 7–17 inch reels and 8–80 mm widths make it suitable for fully automatic inline inspection of reels and trays and for automatic line feeding.

KEY FEATURES

Compact design
small footprint, easy to place and use

AI automatic inspection
self-developed AI inspection algorithm, customisable to user needs

Wide compatibility
7–17 inch reels, 8–80 mm width, automatic track width adjustment

Fully automatic inline operation
automatic inspection, sorting and marking of defective products

TECHNICAL SPECIFICATIONS

X-Ray Tube	Reflective sealed microfocus tube
Tube Voltage	0–90 kV
Tube Current	0–200 µA
Max. Output Power	8 W
Focal Spot Size	10 µm
Detector	Amorphous silicon flat panel, 1536 × 1536 pixels, 16-bit A/D, 20 fps
Field of View	130 × 130 mm
Resolution	5.5 Lp/mm
Sample Width	8–80 mm reels, 7–17 inch reels
Control System	Industrial PC, Windows 10 (64-bit)
Power Supply	220 V 10 A / 110 V 15 A, 50–60 Hz
Dimensions (L×W×H)	2940 × 1100 × 1970 mm
Net Weight	1210 kg

Configuration, demo and quotation

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

InterElectronic Hungary, H-2461 Tárnok, Pacsírtamező street 3 D/1

Phone +36 30 296 45 05

Email info@interelectronic.com

Web www.interelectronic.com

Specifications according to Seamark. Subject to change without notice.