X-RAY INSPECTION

SEAMARK X5600

High-Precision Offline Microfocus X-Ray Inspection System

Microfocus X-Ray | Tilt & Rotate | Automatic Defect Detection | Ideal for IC, BGA, CSP & Small Components



OVERVIEW

The **Seamark X5600** is a compact, high-precision offline microfocus X-ray inspection system, ideal for R&D labs, quality departments and small-batch production.

It is designed for non-destructive internal inspection of IC chips, BGA, CSP, LED, sensors and other small electronic components.

KEY FEATURES

Microfocus X-ray tube
high-resolution tube with 15 µm spot size

Measurement tools
distance, angle, area and other size measurements

CNC inspection
multi-point automatic inspection mode

Safety
safety design with very low radiation, ≤ 0.5 µSv/h

BGA void analysis
automatic void ratio calculation for BGA

Automatic defect detection
missing, shifted and bridged components

Multi-angle viewing
tilt ±30° and 360° rotation, infrared navigation and positioning

TECHNICAL SPECIFICATIONS

X-Ray Tube	sealed microfocus, 40–90 kV, 10–200 µA
Spot Size	15 µm
Detector	TFT industrial dynamic FPD, 768 × 768
Field of View	65 × 65 mm
Resolution	5.8 Lp/mm
Max. Sample Size	280 × 320 mm
Tilt / Rotation	±30° / 360°
Radiation Leakage	≤ 0.5 µSv/h
Dimensions (L×W×H)	850 × 1000 × 1700 mm
Weight	approx. 750 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.