X-RAY INSPECTION

SEAMARK X6600B

6-Axis Offline Microfocus X-Ray Inspection Machine

6 Axes | T-Axis Tilt Imaging | Rotary Stage | 620 × 620 mm Sample Size | Fingerprint Access



OVERVIEW

The **Seamark X6600B** is a 6-axis universal offline microfocus X-ray inspection system with high magnification, multi-angle imaging and a large 620 × 620 mm inspection platform. It is ideal for BGA voids, solder joints, ICs and other electronic components.

One-button door control and real-time radiation monitoring around the machine protect the operator and the working environment.

KEY FEATURES

Fingerprint access control
only authorised personnel can operate the system

Rotary sample stage
X and Y axes driven by high-precision ball screws for accurate inspection

T-axis tilted imaging
oblique inspection when vertical views are not enough, for more complete coverage

Multiple safety protection
real-time radiation level monitoring and several safeguards for operator safety

TECHNICAL SPECIFICATIONS

X-Ray Tube	Reflective sealed microfocus tube
Tube Voltage	40–130 kV
Tube Current	10–300 µA
Max. Output Power	39 W
Focal Spot Size	5 µm (at 4 W) – 40 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
Max. Sample Size	620 × 620 mm
Control System	Industrial PC, Windows 10 (64-bit)
Power Supply	220 V, 10 A, 50–60 Hz
Dimensions (L×W×H)	1380 × 1425 × 1951 mm
Net Weight	1800 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.