

# X-ray Source

## Benefits

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- Key component of complete Xoft System, an integrated, radiation therapy platform solution
- High dose rate, low energy radiation offers coverage to the target volume, while providing sharper dose fall-off than conventional HDR isotopes
- Increases access to electronic brachytherapy by eliminating requirement for a shielded room
- Enhances patient comfort by allowing medical personnel to be present in room during treatment
- Radiation is emitted only when the x-ray source is turned on during treatment
- Designed for multiple patient use
- Available in 25 cm and 50 cm lengths for a broader range of treatment options

The versatile Xoft® Axxent® Electronic Brachytherapy (eBx®) System® utilizes breakthrough electronic brachytherapy technology to provide expanded treatment options for a range of cancers. With the Xoft System, highly focused therapeutic radiation of the disease target is possible in a minimally shielded setting, while sparing surrounding healthy tissue.

The Xoft System utilizes a proprietary, miniaturized Axxent x-ray source to apply radiation directly to the tumor site. The isotope-free x-ray source allows the delivery of high dose rate, low energy radiation treatment in virtually any clinical setting with minimal shielding.

The fast dose fall-off of the 50 kV source minimizes exposure to adjacent healthy tissues and organs and allows medical personnel to remain in the room with the patient.

Combined with the comprehensive capabilities of the Xoft System, the x-ray source offers an attractive option to physicians and patients for improved flexibility, precision and personalization in the targeted treatment of cancer.

The Xoft System is FDA cleared, CE marked, and licensed in a growing number of countries for the treatment of cancer anywhere in the body, including early-stage breast cancer, non-melanoma skin cancer and gynecological cancers. Indications currently under investigation include prostate, pancreatic, colorectal and brain cancers.



# X-ray Source

## Specifications

## Catalog Number

Axxent HDR X-ray Source 2.2, assembly length 25cm

S7501

Axxent HDR X-ray Source 2.2, assembly length 50cm

S7551

(includes integral cooling sheath, low-force high voltage connector, flexible high voltage cable)

X-ray Tube diameter 2.25mm

Assembly diameter 5.4mm

X-ray Source Input Power 15 watts

Typical Treatment Time 4-15 minutes

(depending on applicator and prescription)