



Xstrahl 200 and 300

Specialist clinical solutions for medical practitioners and their patients across the world



The Xstrahl 200 and 300 X-ray therapy systems are designed for the treatment of superficial clinical conditions, while the additional orthovoltage capability makes them ideal to provide palliative treatment and to treat benign conditions including: inflammatory, degenerative and hypertrophic disorders.

Xstrahl delivers:

Versatility, performance and value

- Cost effective way of increasing your radiation treatment capacity
- Real time monitoring of the prescribed treatment dose
- Low energy therefore lower construction cost as less room shielding is required
- Customized energy selection to suit your clinical requirements for percentage depth dose
- Multiple treatment fields can be delivered sequentially without unnecessary delays between treatment exposures
- Connectivity to patient management systems
- Meets current safety requirements with fully encoded filters and treatment applicators

Ease of use

- Ergonomic control to suit all clinical set up requirements
- Electro magnetic brake system to ensure fast, accurate patient setup
- Simple, intuitive clinical interface for ease of operation
- A full range of clinical and technical training programs for easy integration of the system into a facility
- Clinical training for the Xstrahl systems is further supported by our interactive educational and teaching resource STEP

Space saving design

- Both the Xstrahl 200 and 300 can be floor or ceiling mounted to accommodate almost any clinical space and enable the treatment room to be used for other clinical purposes
- The power supply and electronics can be housed in a separate room or enclosure

All Xstrahl medical systems have CE, FDA and Health Canada clearance and are certified to ISO13485:2003.

Xstrahl 200

The most versatile X-ray therapy system in our medical range.

The Xstrahl 200 is ideally suited for both superficial treatment of skin lesions and providing orthovoltage therapy for palliation of secondary lesions or boney metastases.

The versatility of the Xstrahl 200 system enables it to be floor or ceiling mounted, thereby allowing the treatment room to be used for other clinical purposes.

A replacement for more traditional systems and more versatile than the Xstrahl 150, this orthovoltage treatment unit can be equipped with full dosimetry control, and applicator and filter recognition.



Clinical conditions

Superficial therapy

- Basal cell carcinoma
- Squamous cell carcinoma
- Keloid scars
- Dermatological conditions including psoriasis
- Mycosis fungoides and deeper benign plaques

Benign conditions

- Dupuytren's
- Peyronie's Disease
- Inflammatory disorders
- Degenerative disorders
- Hypertrophic disorders

Palliative care

- Boney metastases
- Secondary lesions



Technical specifications

- Tube voltage 20 – 220kV
- Tube current 0 - 30mA
- Maximum HVL 2mm Cu
- Maximum power output 3kW

Output Data

Typical Dose Rate 100 – 300 cGy/min, Field size 1.5cm diameter – 20 x 20 cm square

kV	HVL (mm)	mA	FSD	Measured Dose Rate cGy/min	Maximum Dose Rate cGy/min
80	2.5 Al	8.5	20	160	565
220	2 Al	13	50	66	71

Xstrahl 300

The most powerful X-ray therapy system in our medical range.

The Xstrahl 300 X-ray therapy system is ideally suited for orthovoltage techniques and offers proven treatment for bony metastases and benign applications in addition to treating superficial conditions. The patient can adopt any position to ensure maximum comfort throughout the treatment exposure.

The ceiling mounted version can be easily moved when not in use to allow the treatment room to be used for other clinical purposes.

Full dosimetry control, and applicator and filter recognition are available with all orthovoltage treatment units.

Clinical conditions

Superficial therapy

- Basal cell carcinoma
- Squamous cell carcinoma
- Keloid scars
- Dermatological conditions including psoriasis
- Mycosis fungoides and deeper benign plaques

Benign conditions

- Gynecomastia
- Dupuytren's
- Peyronie's Disease
- Karposi's plaques
- Inflammatory disorders
- Degenerative disorders
- Hypertrophic disorders

Palliative care

- Nodules on chest drain sites in lung cancer patients
- Boney metastases



Technical specifications

- Tube voltage 40 – 300kV
- Tube current 0 - 30mA
- Maximum HVL 3mm Cu
- Maximum power output 3kW

Output Data

Typical Dose Rate 100–300 cGy/min, Field size 1.5cm diameter – 20 x 20 cm square

kV	HVL (mm)	mA	FSD	Measured Dose Rate cGy/min	Maximum Dose Rate cGy/min
60	1.5 Al	20	30	215	323
300	3 Cu	10	50	84	84

Service

Every system in the Xstrahl range is available with full clinical and engineering support, this is further enhanced with specialist training which can be given at any time during the ownership period.



The Xstrahl Service Promise:

- Whatever the facility, from the initial planning phase, our expert engineers will be able to assess and advise on all aspects of the room preparation including access routes and logistical advice.
- Efficient and complete installation is ensured by every Xstrahl engineer as they undertake regular manufacturing and systems training to maximize familiarity of every product right down to the individual components.
- Committed to maximizing system up time in busy oncology and dermatological clinics, Xstrahl offers online service engineer support and regular training courses for customers' on-site engineers.
- Xstrahl also supports Gulmay industrial systems, Pantak and Therapax units and has the capabilities to provide service for a wide range of X-ray therapy systems, irrespective of supplier.

The Company operates 24 hour customer support through its UK and US offices and international distributor network.

Worldwide

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