

SRT-100™



OIS
Oncology Imaging Systems

Skin Cancer Treatment Simplified

Portable, flexible, and cost effective, the revolutionary SRT-100™ is designed to bring non-surgical non-melanoma skin cancer treatment to more patients in a variety of settings. Because SRT goes no deeper than the thickness of the skin, it is well-suited for senior patients who may also have compromised healing abilities, due to cardiac, diabetes, and other conditions.





Broad Range of Motion

Horizontal and vertical range of the scissor arm accommodates your patients whether they're sitting or recumbent.

Compact, Mobile Design

Casters and a small footprint (30" x 30") lets you place the system where it needs to be.

RAD Check

Pre-treatment energy verification as part of a daily QC programme for precise and accurate x-ray delivery.

Automatic Warm-Up

Automatic warm-up procedure allows for fast system setup and patient treatment under 6 minutes. The treatment dose is automatically displayed for verification prior to delivery.

Automatic Aluminum Filter Change

Upon kV-mA selection, the system automatically changes the aluminium filter, eliminating the need for filter storage, manual procedures, and the potentially adverse possibility of inadvertent over-dosage or under-dosage.

Precise Dose Delivery

High-frequency inverter technology utilizes feedback sensing to maintain stable kV-mA energy levels.

Unique Replaceable Visual Applicator Safety

Contact shields, variable applicator sizes, and replaceable contact shields provide 1.27 cm visual verification and clinical margin clearance of the treated area. The replacement shields are inexpensive and ensure shields do not discolor over time. Use of replacement shields also helps prevent blood-borne pathogen transmission.

Patient Comfort

Large range of motion makes the SRT-100™ accommodating to patients in wheelchairs.

Specifications

Generator

Type: Constant potential HV
Input Line: 120/230 VAC
Standard wall socket

X-ray Tube

Metal-ceramic
Water-cooled
Tungsten target
End grounded
Rating

- 100 kV/10 mA
- 40 kV/30 mA
- 1000 W continuous dissipation

Base Unit Assembly

Base space requirements: 76 cm x 76 cm
Vertical arm range: 145 cm
Horizontal arm range: 125 cm
X-ray tube movement: V&H 180 degrees
Integrated modular components: Input power,
HV generator, heat exchanger

Operator Control Console

Can be located up to 30 metres from base unit
Service mode for system set-up and calibration (key entry)

Three Treatment Techniques

100 kV at 8 mA, 2.0 mm Al. HVL
70 kV at 10 mA, 1.0 mm Al. HVL
50 kV at 10 mA, 0.45 mm, Al. HVL
X-ray output is 600 cGy at 15 cm SSD/100kV

System Weight

160 kg

Standard Size Treatment Applicators

1.5cm, 2cm, 2.5cm, 3cm, 4cm and 5cm diameter at 15 cm SSD

Optional size treatment applicators

1cm and 7.3cm diameter at 15cm SSD
10cm and 12.7cm diameter at 25cm SSD



SRT-100 is a trademark of Sensus Healthcare.
OIS is the distributor for Sensus in the UK & Ireland.



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