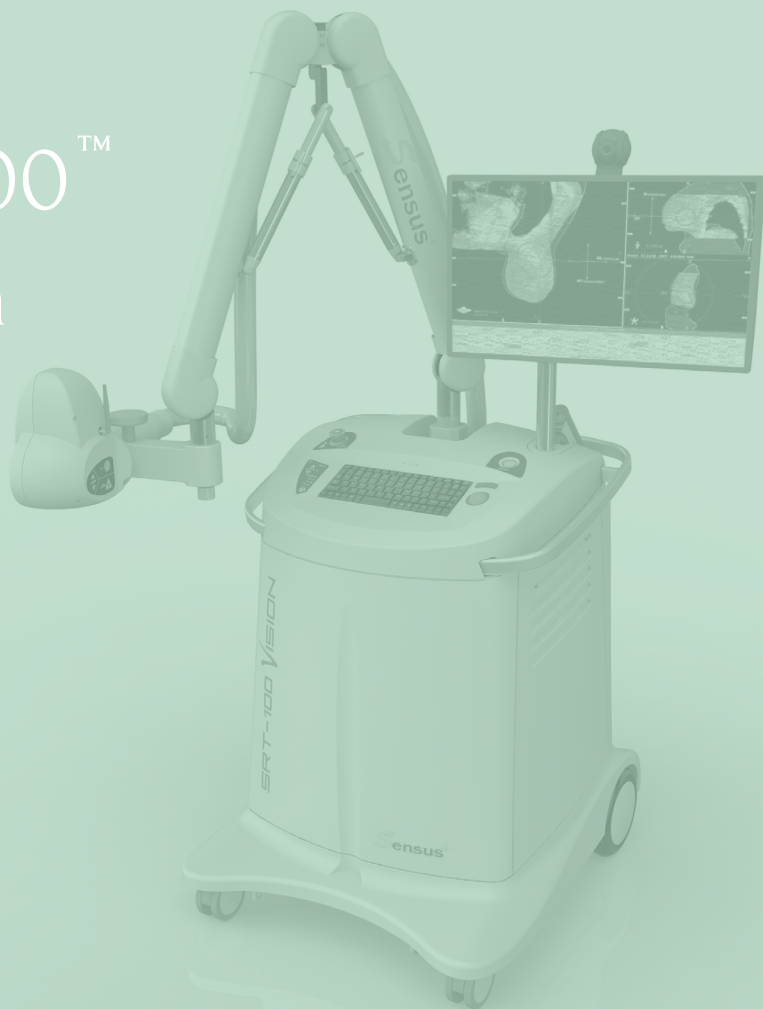


SRT-100TM Vision





See and Treat with the SRT-100 Vision

For the ultimate in advanced superficial radiation technology, we offer the SRT-100 Vision™. Built with all the same great features and remarkable efficacy that distinguish the original SRT-100™, the SRT-100 Vision™ delivers the precise, painless calibrated dose of superficial radiotherapy with additional features - most notably high-frequency ultrasound for imaging.

With a high-frequency ultra-sound guidance system, the SRT-100 Vision™ allows physicians to view areas being treated while they are being treated. This “see and treat” capability allows basal and squamous cell carcinomas to be assessed more thoroughly so treatment can be targeted more precisely.

The award winning innovative design of the SRT-100 Vision™ offers important features that make it the preferred treatment choice:

Three treatment modes let you tailor the energy to the lesion type and body region.

- 50 kV – lesions on the lower extremities and scalp
- 70 kV – lesions on general areas of the body, especially squamous cell carcinomas
- 100 kV – the power to effectively cure and prevent Keloids

Family of applicators (1 cm to 18 x 8 cm) let you match the treatment area.

True mobile design lets you take the SRT-100 Vision™ to your patients and more efficiently utilise your facilities – the treatment room next door, another department in the hospital or across town. All critical components are onboard – simply plug and play!

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: 82 cm x 86 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

Image Guided Superficial Radiotherapy (IGSRT) System

High Frequency Ultrasound (HFUS) Image Guidance for Superficial Radiotherapy
20MHz Transducer

System Weight

190 kg

Standard Size Treatment Applicators

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

Optional Size Treatment Applicators

1cm and 7.3cm diameter at 15cm SSD
10cm and 12.7cm diameter at 25cm SSD
18cm x 8cm diameter at 30cm SSD



SRT-100 Vision is a trademark of Sensus Healthcare.

Oncology Imaging Systems Ltd is the distributor for Sensus Healthcare in the UK.