



**Sensus**<sup>+</sup>  
Healthcare<sup>®</sup>

TECHNOLOGY THAT *CARES*<sup>™</sup>

**SRT-100**<sup>™</sup>  
**SKIN CANCER  
TREATMENT SIMPLIFIED**



MKT-SRT-024-C

# *More Patients, Few Choices*

Cases of non-melanoma skin cancer have been on the rise for decades, and are dramatically escalating as the population ages. According to the Centers for Disease Control, non-melanoma skin cancer is the most common form of cancer in the U.S.

The traditional treatment path is Mohs surgery, a series of excisions of cancerous and surrounding healthy tissue, which is assessed in real-time and continues until the cancer can no longer be detected. Although very effective and appropriate for many patients, Mohs surgery requires a highly skilled surgical specialist, a lab, and often leads to substantial cosmetic impact requiring significant reconstructive surgery. Furthermore, surgical treatments are invasive, involve scarring, and pose risk for post-surgical infections. Additionally, reimbursement for surgery has dropped precipitously in the past few years. As all these aspects of patient safety, patient retention, throughput vs. reimbursement, and clinical outcomes converge, a clear need is emerging for a mitigating complimentary solution.



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## *Did you know?*

*Over 2.8 million new skin cancer cases  
are diagnosed annually worldwide.*



## *Did you know?*

*Skin cancer accounts for more than **40 percent of all malignancies** in the US.*

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## *Now, There is a Viable Option.*

Superficial Radiotherapy (SRT), a low-energy radiotherapy that goes no deeper than the thickness of the skin, is a highly effective, painless, and cosmetically attractive alternative to surgery in selected cancers and patient populations. Sensus Healthcare offers the SRT-100™ superficial radiotherapy platform, which will safeguard your investment for years to come thanks to its safe, effective, and reliable technology. The SRT-100™ is the new and most advanced choice for superficial radiotherapy available today. The system's mobility allows you to use it in any space, right in your office, to keep patients comfortable and under your supervision so you have more treatment options to offer and thus increase patient retention. Another benefit is that SRT is the most humane and adequate treatment for patients who are considered high risk for surgical procedures due to various disorders, diabetic and cardiac diseases, or for patients with non-melanoma skin cancers on their facial region.

## Better Treatment for More Patients

Portable, flexible, and cost effective, the revolutionary SRT-100™ is designed to bring non-surgical non-melanoma skin cancer treatment to more patients in more settings with a much higher throughput, from dermatology and oncology private practices, through assisted living and skilled care facilities, to hospitals and enterprise healthcare organizations. 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.

The compact 30" x 30" footprint, medical grade wheels, and standard outlet power lets you bring safe, painless, and effective treatment to patients in your office instead of referring them elsewhere. The unique scissor arm makes it easier to target lesions from virtually any angle, whether patients are seated or recumbent. Since the SRT-100™ only treats non-melanoma skin cancer, the operators\* only need simple training provided by Sensus Healthcare upon installation in order to start utilizing it on patients.

Superficial radiation has been used to treat non-melanoma skin cancer for more than 50 years, so the procedure is widely recognized and reimbursable. In fact, reimbursement for newer, less-established technologies has dramatically fallen in recent years, reaffirming the viability of superficial radiotherapy. The SRT-100™ is the right treatment option at the right time.

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## Better for Your Practice

The mobile and compact SRT-100™ doesn't require a substantial installation investment. Sensus Healthcare provides comprehensive training and support for you and your staff, and the system has automatic set-up and advanced safety features that simplify the treatment procedure. The SRT-100™ is affordable for private practices, keeps patients in-house, and gains referral leads for a more rapid cost recovery. It is a wise investment in a safe and proven technology that allows you to offer patients more versatile treatment options.

\* As defined by state regulations.

## Did you know?

50 percent of skin cancer cases occur in **adults over 60.**





## Advanced Design

### *Broad Range of Motion*

The 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 program 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 aluminum 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.

# Did you know?

Over 80 percent of skin cancers occur in the head and neck regions.

## Versatility, efficiency, and enduring value

### Goes Just About Anywhere

Efficient component integration yields a compact, low-profile unit with a space-saving 30" x 30" footprint. Casters and standard wall socket plug-in operation mean that the SRT-100™ can move closer to the patient.\*

### Simple, Safe, Efficient Operation

The specially designed SRT-100™ control console simplifies entry of system set-up and calibration parameters by service personnel and medical physicists. Automated and RAD check features enhance safety, reduce procedural costs, and increase patient throughput.

### Engineered for Maximum Uptime

The SRT-100™ X-ray tube is metal-ceramic for prolonged endurance, and advanced system architecture optimizes system uptime.

### Capital Investment and Payback

Developed solely for the treatment of non-melanoma skin cancer and priced accordingly, the SRT-100™ can increase patient throughput, retention, and referrals by providing a complementary and ancillary treatment modality to specialized surgery and linear accelerators. The SRT-100™ provides the means for optimizing the utilization of your OR and Vault rooms, and a broader repertoire of treatment options for your patients and referring physicians.

\* A shielded enclosure is needed, which is available from Sensus Healthcare (Sensus Shield™), and the supervision of a physician during equipment operation according to state regulations and laws

## Peerless Safety



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- 1 RAD Check – Pre-Treatment Energy Verification
- 2 High Frequency Inverter Technology
- 3 Radiation Fields Precisely Defined
- 4 Physicist Calibrations are Stored in the System
- 5 Al Filters Automatically Placed at X-Ray Tube Port

# SRT-100™ Specifications

## Generator

Type: Constant potential HV  
Input Line: 120/230 VAC

## Accessories

Standard size treatment applicators  
· 1.5 cm, 2 cm, 2.5 cm, 3 cm, 4 cm, 5 cm diameter at 15 cm SSD

Optional size treatment applicators  
· 1 cm, 7.3 cm diameter at 15 cm SSD  
· 10 cm, 12.7 cm diameter at 25 cm SSD

Replaceable safety contact shields  
· Applicator size specific  
· Visibility of treated area



## X-ray Tube

Metal-ceramic  
Water-cooled  
Tungsten target  
End grounded  
Rating · 100 kV/10 mA  
· 40 kV/30 mA  
· 1000 W continuous dissipation  
Focal spot size: 5 mm x 5mm

## Base Unit Assembly

Base space requirements: 30" x 30"  
Vertical arm travel: 57"  
Horizontal arm travel: 49"  
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 100' (30 meters) from base unit  
Service mode for system set-up and calibration (key entry)

## RAD Check

Direct radiation measurement of output  
Pre-treatment verification

## 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

350 lbs. (160 kg)

## Automatic Filter Change

Based on KVMA Selection, the system will automatically select the proper filter – no human error, no braking, no bending, or incorrect size.

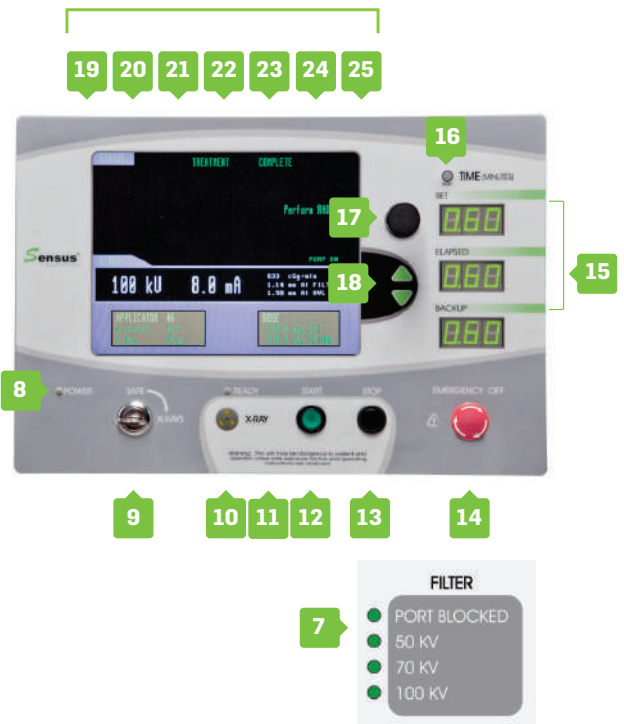
## Automatic Warm Up Procedures

Automatically activated from time of last exposure

## Control Panel

The control console provides the controls and indicators to set up SRT exposures and to initiate, monitor, and terminate them. It also permits entry of system calibration values by a radiation physicist. The control

## LCD Display Features



6 ASRT Approved CEU Program  
7 Applicator Sizes Displayed  
8 Power Lamp  
9 Key Switch  
10 X-Ray Indicator

11 Control Panel Warning Label  
12 Start Switch  
13 Stop Switch  
14 Emergency Off Switch  
15 Timer Displays

16 Timer Reset Switch  
17 Exposure Time Control  
18 kV mA Selection  
19 LCD Display  
20 Physicist Energy Measurement

21 Auto AI Filter Change Indicator  
22 Automatic Warm-up Status  
23 Pre-treatment Status  
24 Applicator ID  
25 Accumulated Dose

### *History behind the SRT-100™*

The SRT-100™ was developed by the same visionary who revolutionized dose-sensitive mammography technology in the 1980s. The Sensus Healthcare™ global sales and support network provides everything you need to bring superficial radiotherapy to your practice and patients including pre-installation coordination, comprehensive system training, post-installation monitoring, online applications support, technical online and field support, and periodic follow-up. The SRT-100™: the right treatment option at the right time.

### *About Sensus Healthcare*

Sensus Healthcare, Inc. is a medical device company specializing in highly effective, non-invasive and cost-effective treatments for both oncological and non-oncological conditions. Sensus uses a proprietary low-energy X-ray technology known as superficial radiation therapy (SRT), which is the culmination of more than a decade of research and development, to treat non-melanoma skin cancers and keloids with its SRT-100™, SRT-100+™ and SRT-100 Vision™ systems. The Sculptura™ radiation oncology system provides targeted intraoperative radiotherapy (IORT) utilizing proprietary, state-of-the-art Beam Sculpting™ to treat patients undergoing cancer surgeries with a single dose. With its portfolio of medical device products, Sensus provides revolutionary treatment options to enrich the quality of life of patients around the world.



TECHNOLOGY THAT CARES™

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Scan to learn more!



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