



# Revolution™ RT

Efficient precision, powered by deep learning

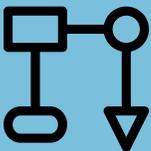
# Advancing precision in radiation therapy

Revolution™ RT is a comprehensive radiation therapy solution providing an all-encompassing approach to radiation therapy planning. Delivering a streamlined workflow and sub-millimetric images that are effectively free of motion and metal artifacts. And it allows for simulation across an 82 cm wide bore with 80 cm field of view reconstruction.



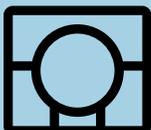
## Precision

Precise patient positioning for optimal treatment delivery.



## Efficiency

A full suite of solutions to help improve your image acquisition process



## Continuum

Ensure your Revolution RT is always up-to-date with the latest software applications.



GE HealthCare

Revolution

1660  
6660 5 60

F3 F2 F1 0 H1 H2 H3 H4

10

Warning icons: High Voltage, Laser, and others.

## Precision

# Precise patient positioning

Revolution RT's large bore provides flexibility and freedom to position your patients in the optimal position for treatment delivery.

A rigid cradle made from advanced composite carbon fiber minimizes table deflection. Revolution RT also has a complete line of accessories for your simulation needs.



**1** 82 cm wide bore with 80 cm displayed FOV

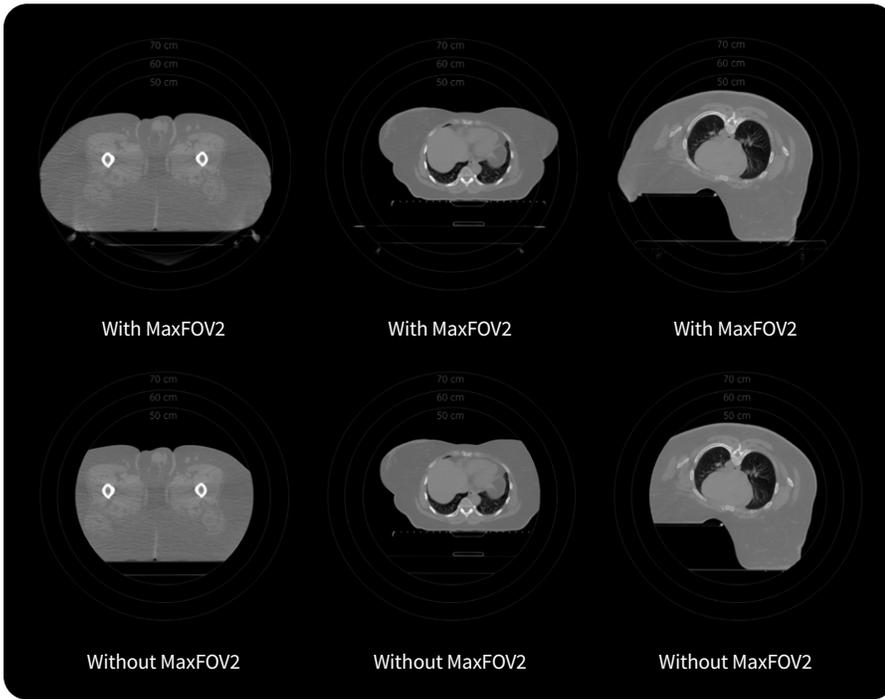
**2** TG66-compliant table

**3** Complete line of accessories

**4** 500 lb standard table 650 lb optional table

## MaxFOV 2

MaxFOV 2 is a deep learning-based iterative recon algorithm designed to leverage collected data to image the entire bore area with accurate skin line and density (HU).

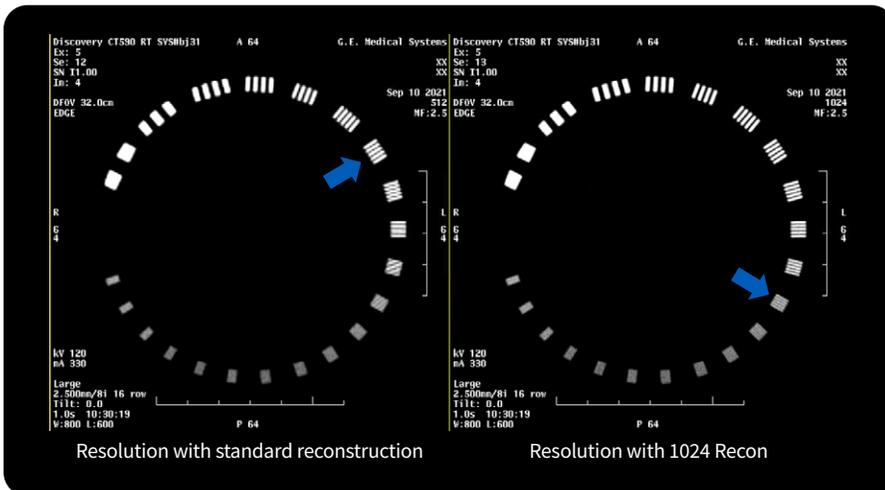


**± 2 mm skin line with  
± 40 HU accuracy**  
from 50 cm to 70 cm DFOV

**± 3 mm skin line with  
± 60 HU accuracy**  
from 70 cm to 80 cm DFOV

## 1024 Recon

Innovative Image Matrix Reconstruction that provides a higher pixel resolution and higher frequency reconstruction algorithms.



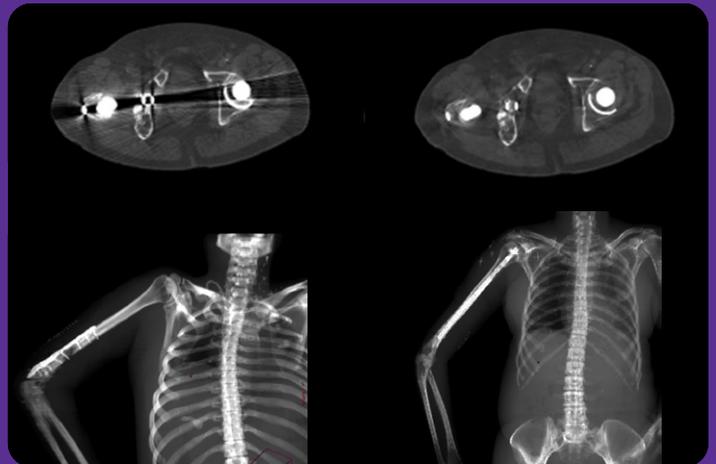
Efficiency

# Providing a full portfolio of smart solutions



## Smart MAR 2.0

Smart MAR 2.0 is designed to reduce artifacts of high-density materials, including orthopedic implants, dental fillings, and other metals in the body. Our metal artifact correction technology is based on raw data, enabling you to reduce artifacts caused by both photon starvation and beam hardening.





## Smart Deviceless 4D

By measuring respiratory motion directly from the patient's internal anatomy, this breakthrough innovation allows you to create 4D images without using an external monitoring device. The result is a simplified workflow for the staff and patient, while still providing high-quality gated studies for advanced therapies, such as SBRT.



Continuum

# Continuum for the future

Get the latest capabilities to support your radiotherapy needs.

## Efficient virtual simulation

Bring previously installed GE HealthCare radiotherapy simulators to the latest generation through replacement programs without footprint, HVAC or electrical changes.

### AdvantageSim MD



Multi-modality simulation (CT, MR, PET)

Quick isocenter marking

Easy to use contouring tools

Effortless 4D review and simulation

Unlimited flexibility to utilize multi-modality data

Automated tools for workflow efficiency and simplicity

## Accurate plan preparation

MIM Maestro streamlines plan preparation through standardized workflows, productivity-boosting automation and vendor-neutral compatibility with all TPSs.

### MIM Maestro®



Vendor-neutral precision plan preparation software with automated workflows

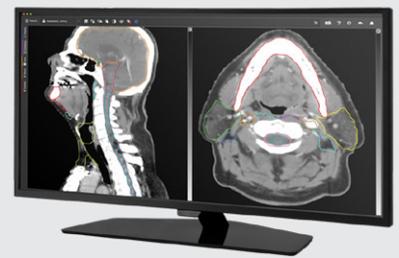
Import and register any DICOM format, regardless of modality, patient positioning, anatomical differences, TPS, etc.

Effectively use all prior patient data

## Zero-click AI auto-contouring

Lymph node level and OAR auto-contours are ready for review in the TPS or MIM®. No clicks are needed to launch.

### Contour ProtégéAI+



Zero-click OAR and lymph-node auto-contouring

Automatically pulls from CT and detects treatment site to apply correct AI model

Auto-routes contours to TPS or for later session save review



## Smart Subscription

# A CT that keeps getting better

### Giving you access to the latest capabilities everyday you own it

With a combination of computing hardware and software enhancements, this subscription service allows you to optimize key RT technologies when needed.

Instead of a CT Simulator that starts to “fall behind” technologically from the time you order it, you can now take advantage of future generations of applications and enhancements so you have a system that keeps getting better.

<b>Base package</b>		<b>Additional package</b>
	+	
<b>Recon &amp; IQ</b> ASiR Smart MAR 2.0 MaxFOV 2		<b>RT</b> Deviceless 4D Advantage 4D Prospective Gating

1660  
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Revolution



82 cm bore

80 cm DL MaxFOV2



Micro-voxel detector

0.22 mm<sup>3</sup>



Power

100 kW – 800 mA



TG66 table

500 lbs or 650 lbs



SmartMAR 2.0

Recon in less than 3 min<sup>1</sup>

# Revolutionary care for you and your patient

Revolution RT has been designed with everything you need for radiation oncology simulation workflows to accurately plan and delivery treatment.



## Wide Bore system with MaxFOV2

Couples an 82 cm bore size with a deep learning and an 80 cm FOV



## Deviceless 4D

No external device needed for respiratory gating



## Smart MAR 2.0

Helps reduce metal-induced photon starvation and beam hardening artifacts



## Smart Subscription for RT

Get the latest capabilities to support your radiotherapy needs



## About GE HealthCare

GE HealthCare is a leading global medical technology, pharmaceutical diagnostics, and digital solutions innovator, dedicated to providing integrated solutions, services, and data analytics to make hospitals more efficient, clinicians more effective, therapies more precise, and patients healthier and happier. Serving patients and providers for more than 100 years, GE HealthCare is advancing personalized, connected, and compassionate care, while simplifying the patient's journey across the care pathway. Together our Imaging, Ultrasound, Patient Care Solutions, and Pharmaceutical Diagnostics businesses help improve patient care from diagnosis, to therapy, to monitoring. We are a \$19.6 billion business with 51,000 colleagues working to create a world where healthcare has no limits.

Follow us on LinkedIn, X (formerly Twitter), and Insights for the latest news, or visit our website [www.gehealthcare.com](http://www.gehealthcare.com) for more information.

<sup>1</sup> Recon in less than 3 min (Based on typical case of having two metals that are 20x20 mm round and 200mm long)

\*RTx is manufactured by Mirada Medical and distributed by GE Healthcare. Not available in all countries.



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