

PHILIPS



Accuracy is an art

Rembra RT

CT for radiation oncology

Master the art of accuracy



When you can target tumors more accurately than before, that's mastering the art of personalized CT simulation.

Philips Rembra RT can help you to delineate tumors more precisely to spare healthy tissue. Your patients count on you to design a journey for the best possible outcome, and Rembra RT is designed to offer you accuracy and intuitive guidance at every step.

With you from the start

CT simulation is the crucial first step of the radiation oncology treatment journey. With a long history of industry firsts in CT simulation, we've been there from the beginning, and we've never stopped advancing radiation oncology with you.



49%

of patients at RT
appointments
experience anxiety
and distress¹

Confidence starts here



Highly accurate

Designed to reduce
delineation variability
for enhanced treatment
plan accuracy



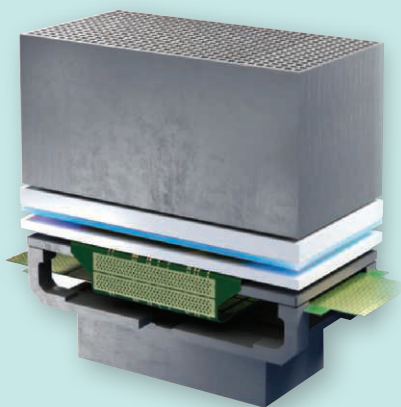
Connected experience

Stay close to your patient
with simplified, intuitive
workflow to support
fast results and greater
user-to-user consistency



Smart for life

Maximize value with a
smart investment that
keeps you confidently
covered throughout
your system's lifetime



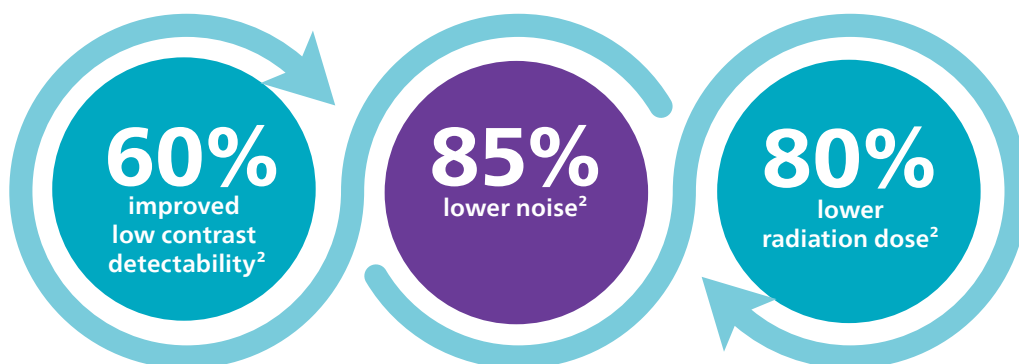
Precision starts with the detector

Designed for AI reconstruction

The NanoPanel Precise XD detector is engineered to deliver dose-efficient, high-resolution imaging. It offers 4 cm coverage and high in-plane resolution to improve image quality linearity.

Precise Image* AI reconstruction

Simultaneously achieve:



- Uses the power of a deep-learning neural network to support image interpretation in CT SIM
- Provides image appearance that closely resembles filtered back projection (FBP)
- Delivers fast reconstruction speed with all reference protocols reconstructed in under a minute excluding 4DCT

Stay close

With OnPlan patient-side gantry controls located on both sides of the gantry, as well as the front and back, you can remain close to your patients throughout setup and positioning.

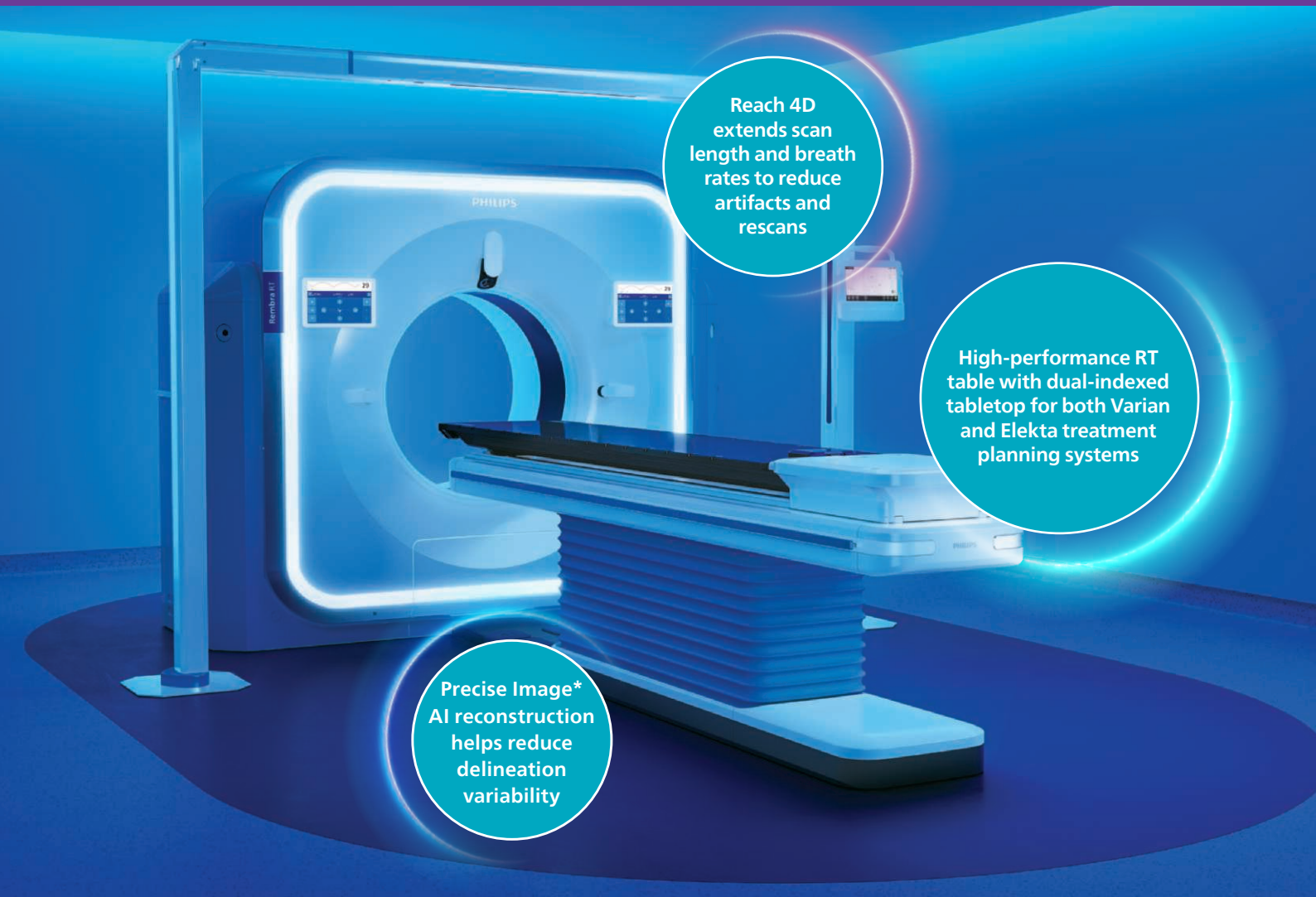
Touch panels allow you to activate the laser marker, control patient table movements, and view patient information, images, pulmonary wave, and ECT displays directly at the gantry.



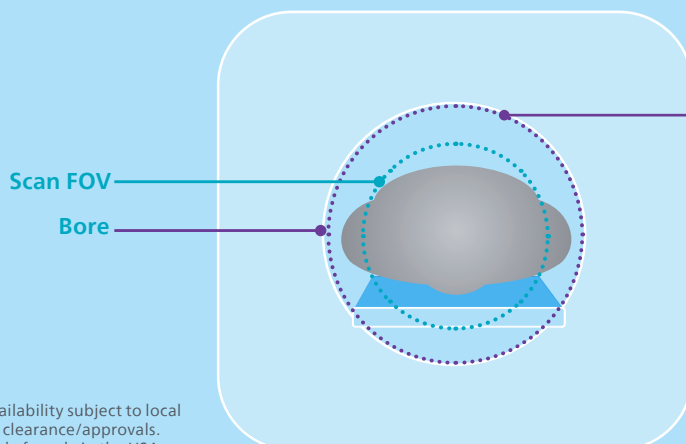
*Feature availability subject to local regulatory clearance/approvals.
Not available for sale in the USA.

Simplified, intuitive workflow

Rembra RT is designed to expedite time to treatment and provide a positive experience for patients and staff while maximizing lifetime value.



Visualize full anatomy



85 cm EFOV³

Accurately visualize peripheral structures up to the bore with Hounsfield unit (HU) specificity

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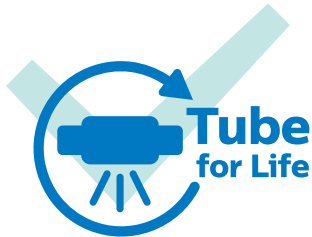
Smart for life

Dedicated to your long-term success

Designed differently from the start, Rembra RT is built to last up to 20 years.* A robust future-ready system design and AI-enabled Remote Services help make this extended service life possible.

AI-enabled Remote Services

Increase uptime and reduce unplanned equipment downtime through proactive remote monitoring and serviceability.⁴



Industry-first Tube for Life guarantee⁵

The high reliability of the tube means that, if necessary, any tube replacement within a 10-year period is covered by Philips.⁵



Up to
99%
system uptime
guarantee⁴

Flexibility across radiation oncology and radiology

Rembra RT supports both radiation therapy simulation and diagnostic imaging, helping manage radiology overflow while maximizing system utilization.

A removable flat RT tabletop enables fast conversion to diagnostic scanning, while the wide bore accommodates bariatric patients and oncology immobilization devices.

Built on CT Smart Workflow features familiar to diagnostic teams, Rembra RT enables efficient, flexible scanning across departments.

✦ Master the art
of accuracy in
CT simulation



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References

1. Elsner K, Naehrig D, Halkett GKB, Dhillon HM. Reduced patient anxiety as a result of radiation therapist-led psychosocial support: a systematic review. J Med Radiat Sci. 2017 Sep;64(3):220-231. doi: 10.1002/jmrs.208. Epub 2017 Feb 3. PMID: 28160448; PMCID: PMC5587663.
2. In clinical practice, the use of Precise Image may reduce CT patient dose depending on the clinical task, patient size and anatomical location. A consultation with a radiologist and a physicist should be made to determine the appropriate dose to obtain diagnostic image quality for the particular clinical task. Dose reduction assessments were performed using reference body protocols with 1.0 mm slices at the "Smoother" setting, and tested on the MITA CT IQ Phantom (CCT189, The Phantom Laboratory) assessing the 10 mm pin and compared to filtered back projection. A range is seen across the 4 pins, using a channelized hotelling observer tool, that includes lower image noise by 85% and improved low-contrast detectability from 0% to 60% at 50% to 80% dose reduction. NPS curve shift is used to evaluate image appearance, as measured on a 20 cm water phantom in the center 50 mm x 50 mm region of interest, with an average shift of 6% or less. Data on file.
3. The Extended Field of View (EFOV) of 85 cm is intended solely for use in treatment preparation and the planning/simulation of radiation therapy. It cannot be used for diagnostic purposes. The water equivalent material external contour deviation of body system phantom positioned (partially) outside scan FOV with phantom edge adjacent to bore cover shall be within 1mm in terms of mean Hausdorff distance compared to the true external contour.
4. Actual service experience may vary depending on contract type, system configuration, geographical location and external factors such as parts availability. Performance guarantees, including uptime, are subject to the terms and conditions of individual service agreements.
5. Life of the product is defined by Philips as 10 years. Tube for Life guarantee availability varies by country. Please contact your local Philips sales representative for details.