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Diamond Select Computed Tomography

Circular Equipment
2020

innovation  you



Rethink what new means with **Diamond Select**

Philips Circular Equipment transforms used medical imaging equipment into high quality Diamond Select solutions. It's a lower cost and future proof solution, with the same as new quality standards, warranty and support you can expect from Philips. The Diamond Select systems are indistinguishable from new.

More value for money



Diamond Select gives you **extended clinical capabilities at lower cost** - so you can provide the best care for your patients.

Same as new quality



Diamond Select has the same **high-quality standards and support** as you expect from new Philips systems.

Circular eco-system



Diamond Select is **future proof** and enables you to profit from, and contribute to, a circular and sustainable economy.



Diamond Select Computed Tomography

Aims to increase diagnostic confidence. Our future-proof solutions offer access to same as new upgrades and configurations, customized to the specific needs of your facility.



Premium
Brilliance iCT – DS



Performance
Ingenuity 128 – DS



Oncology
Brilliance Big Bore – DS



Value
Brilliance 64 – DS



Professional services and support



Premium: Brilliance iCT – Diamond Select

The iCT is ready for your most challenging imaging studies. IMR allows for lower dose* with increased image quality and industry-leading low-contrast resolution with virtually noise-free images. The unique combination of hardware innovations, state-of-the-art acquisitions, and IMR offers you premium results for advanced cardiovascular, pediatric, and time-critical emergency applications.

Overview specs

- Comprehensive cardiac assessment near background radiation levels
- Sub-mSv coronary CTA for majority of patients
- Chest CT near the dose of a chest X-ray
- Low-dose whole organ perfusion
- Simultaneous 60–80% lower dose, 43–80% improved low-contrast detectability, and 70–83% lower noise with IMR*
- iPatient helps increase speed and efficiency
- Image over 100 vascular patients per day*

Includes

- New X-ray tube
- Latest console hardware and latest available software
- New cables at original length
- New monitor, keyboard and mouse
- New accessories (table pads, sponges, patient restraints)



* <https://www.philips.co.uk/c-dam/b2bhc/gb/resource-catalog/landing/brightontender/ct-ict-family-product-brochure-ir-love-a.pdf>



Performance: Ingenuity 128 – Diamond Select

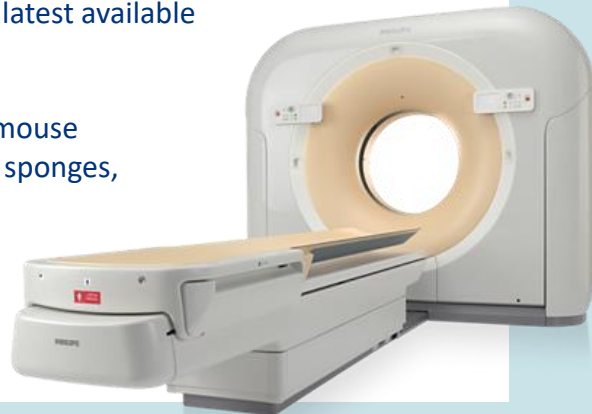
The Ingenuity offers high performance with virtually no trade-offs, with advances such as the iDose4 Premium Package and iPatient, which puts you in control of innovative workflow solutions. Philips brings you the benefits of high-resolution, low-dose scanning with increased integration and collaboration, patient care, and economic value in an upgradable family that's designed to grow as you grow.

Overview specs

- Confidence and consistency 24/7 with iPatient
- Deliver appropriate contrast dose and consistent image quality with SyncRight
- Low dose and high image quality with iDose4 Premium Package
- Improved visualization in the presence of large metal orthopedic implants
- Industry-leading low-contrast resolution with IMR

Includes

- New X-ray tube
- Latest console hardware and latest available software
- New cables at original length
- New monitor, keyboard and mouse
- New accessories (table pads, sponges, patient restraints)



Oncology: Brilliance Big Bore – Diamond Select

The Big Bore delivers high quality imaging while enabling you to personalize dose based upon the clinical needs of your patients. The Big Bore is designed to meet the specific needs of radiation oncology and CT simulation. It focusses on accuracy, patient positioning, imaging performance, and the radiation therapy process that integrates with your clinical workflow, allowing you to keep the patient at the center of everything.

Overview specs

- Imaging, simulation and patient marking tools integrated at scanner console
- High image quality at low dose
- Improved visualization of tissues and structures in the presence of large orthopedic metal implants with O-MAR
- Simplified imaging and marking workflow
- Fast reconstruction time

Includes

- New X-ray tube
- Latest console hardware and latest available software
- New cables at original length
- New monitor, keyboard and mouse
- New accessories (table pads, sponges, patient restraints)





Value: Brilliance 64 – Diamond Select

The Brilliance 64 provides large volume, thin slice coverage and leading-edge functionality. With options such as iDose4 Premium Package and Iterative Model Reconstruction (IMR), it's perfect for routine CT exams as well as lung nodule assessment, brain perfusion, trauma, pediatric imaging and cardiac applications.

Overview specs

- Fast scanning and reconstruction increases throughput
- MRC X-ray tube eliminates wait times between scanning sequences
- Scan to scan consistency; iPatient helps plan the results, not the acquisition
- High quality images with reduced artifacts at low dose using the iDose4 Premium Package*

Includes

- New X-ray tube
- Latest console hardware and latest available software
- New cables at original length
- New monitor, keyboard and mouse
- New accessories (table pads, sponges, patient restraints)



* Improved image quality as defined by improvements in spatial resolution and/or noise reduction as measured in phantom studies.



Rethink what new means

Diamond Select: extended clinical capabilities at lower cost

Learn more about Diamond Select and the refurbishment process and how Philips is driving the transition to a circular economy by watching our demos. Or book a meeting.



Watch Philips' OEM
refurbishment process



Watch demo
Diamond Select



Watch demo
Join us in the transition to a
circular economy

