



Everyone deserves the best

Philips Diamond Select - Refurbishment process of CT systems

To best serve your patients, you have to be able to count on your imaging equipment with full confidence. It's our goal to provide best-in-class refurbished products. That is why we have developed a qualified refurbishment program to ensure your peace of mind. Only the best systems with proven, documented service histories are considered by Philips. Equipment chosen for Diamond Select is refurbished by certified personnel according to a stringent process. In our dedicated facilities, systems are submitted to rigorous testing and quality controls to meet our exacting standards. The result of this process is a high quality imaging system that can provide years of service to you and your patients.

Refurbishment common to all Systems

De-installation

A good refurbishment starts at the moment of de-installation of the system. That's why all of our de-installations are done by Philips trained teams.

Incoming transportation

By using the original transportation pallets as well as selected carriers, we make sure the system is transported to the refurbishing factory in a safe and controlled way.

Receipt audit

Upon arrival of the system in the refurbishing factory, an audit report is generated in order to confirm system integrity and completeness.

Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Parts replacement

Defective or outdated parts are replaced by the original factory parts. Power and signal brushes are replaced, bearings greased or replaced if necessary and phantoms cleaned. Cables are provided at the original length. New accessories are included such as sponges, table pad, patient restraints and regular head holder.

Tube replacement

A new X-ray tube is installed and calibrated.*

Computer upgrade

Upgraded or new computers are provided along with new keyboard, mouse and computer monitor.

Calibration

Full system calibration, reliability, horizontal and vertical couch movement, gantry tilt,

intercom function tests are performed.

Image quality and applicable system performance tests are performed.

* In some rare cases, the X-ray tube is nearly new and therefore replacement is not necessary.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

Sustainability

By purchasing Diamond Select equipment you are contributing to Philips' commitment to the environment.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

ISO certification

The Diamond Select refurbishing facilities are certified to ISO9001-2008, ISO13485-2003 and ISO14001-2004 standards.

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Philips Diamond Select - Refurbishment process of CV X-Ray systems

To best serve your patients, you have to be able to count on your imaging equipment with full confidence. It's our goal to provide best-in-class refurbished products. That is why we have developed a qualified refurbishment program to ensure your peace of mind. Only the best systems with proven, documented service histories are considered by Philips. Equipment chosen for Diamond Select is refurbished by certified personnel according to a stringent process. In our dedicated facilities, systems are submitted to rigorous testing and quality controls to meet our exacting standards. The result of this process is a high quality imaging system that can provide years of service to you and your patients.

Refurbishment common to all Systems

De-installation

A good refurbishment starts at the moment of de-installation of the system. That's why all of our de-installations are done by Philips trained teams.

Incoming transportation

By using the original transportation pallets as well as selected carriers, we make sure the system is transported to the refurbishing factory in a safe and controlled way.

Receipt audit

Upon arrival of the system in the refurbishing factory, an audit report is generated in order to confirm system integrity and completeness.

Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Parts replacement

Defective or outdated parts are replaced by the original factory parts. Bearing treads are checked and flattened out, if needed. Cables are provided at the original length.

Tube replacement

A new X-ray tube is installed and calibrated.*

Monitors

All systems are delivered with LCD monitors.

Detector evaluation

The Flat Detector is tested extensively to analyze integrity and guarantee full specification compliance. With I.I. based systems the image intensifier insert is always renewed.

Calibration

Full system calibration is performed (Geometry, detector, Xray tube, interventional 3D tools, etc.).

* In some rare cases, the X-ray tube is nearly new and therefore replacement is not necessary.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

ISO certification

The Diamond Select refurbishing facilities are certified to ISO9001-2008, ISO13485-2003 and ISO14001-2004 standards.

Sustainability

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Philips Diamond Select - Refurbishment process of General X-Ray systems

To best serve your patients, you have to be able to count on your imaging equipment with full confidence. It's our goal to provide best-in-class refurbished products. That is why we have developed a qualified refurbishment program to ensure your peace of mind. Only the best systems with proven, documented service histories are considered by Philips. Equipment chosen for Diamond Select is refurbished by certified personnel according to a stringent process. In our dedicated facilities, systems are submitted to rigorous testing and quality controls to meet our exacting standards. The result of this process is a high quality imaging system that can provide years of service to you and your patients.

Refurbishment common to all Systems

De-installation

A good refurbishment starts at the moment of de-installation of the system. That's why all of our de-installations are done by Philips trained teams.

Incoming transportation

By using the original transportation pallets as well as selected carriers, we make sure the system is transported to the refurbishing factory in a safe and controlled way.

Receipt audit

Upon arrival of the system in the refurbishing factory, an audit report is generated in order to confirm system integrity and completeness.

Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Hardware and software updates

The latest operating updates for the imaging chain, generator and image viewing (DI/DSI) components are installed on the system.

Tube replacement

A new X-ray tube is installed and calibrated.*

Detector evaluation

With I.I. based systems the image intensifier insert is always renewed. With Flat Detector

systems the detector is tested extensively to analyze integrity and guarantee full specification compliance.

Full system testing and calibration

The system is tested and calibrated by:

- X-ray tube alignment
- Mechanical performance tests
- Imaging chain tests
- Digital imaging tests

After completion of these tests, the following Image Quality tests are performed:

- Dose penetration
- Contrast range
- X-ray resolution
- Dose measurement

* In some rare cases, the X-ray tube is nearly new and therefore replacement is not necessary.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

ISO certification

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Sustainability

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Philips Diamond Select - Refurbishment process of MRI systems

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Refurbishment common to all Systems

De-installation

A good refurbishment starts at the moment of de-installation of the system. That's why all of our de-installations are done by Philips trained teams.

Incoming transportation

By using the original transportation pallets as well as selected carriers, we make sure the system is transported to the refurbishing factory in a safe and controlled way.

Receipt audit

Upon arrival of the system in the refurbishing factory, an audit report is generated in order to confirm system integrity and completeness.

Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Hardware updates

New hardware for some system components is provided. New gradient cables and gradient water hoses are included. A new accessory set which contains all pads and straps is included with every system. A new DVD writer and laser printer are provided if required.

Computer upgrade

Upgraded or new computers are provided

along with new keyboard, mouse and computer monitor.

Parts replacement

RF coils are replaced if they fail to pass IQ testing or are no longer in good condition.

Magnet

A rebuilt cold head and a new compressor absorber are provided. All safety and helium consumption level checks are performed.

System testing

Sub-systems that are tested and verified include patient support motion and functionality, cooling systems, gradient and RF amplifiers, data acquisition systems, audio and physiology display.

Calibration

The system is fully tested, calibrated and validated to the original manufacture specifications.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

ISO certification

The Diamond Select refurbishing facilities are certified to ISO9001-2008, ISO13485-2003 and ISO14001-2004 standards.

Sustainability

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Philips Diamond Select - Refurbishment process of PET/CT systems

To best serve your patients, you have to be able to count on your imaging equipment with full confidence. It's our goal to provide best-in-class refurbished products. That is why we have developed a qualified refurbishment program to ensure your peace of mind. Only the best systems with proven, documented service histories are considered by Philips. Equipment chosen for Diamond Select is refurbished by certified personnel according to a stringent process. In our dedicated facilities, systems are submitted to rigorous testing and quality controls to meet our exacting standards. The result of this process is a high quality imaging system that can provide years of service to you and your patients.

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Incoming transportation

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Receipt audit

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Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Parts replacement

Defective parts are replaced with original factory parts. All systems are provided with a utility box which includes new patient support parts, phantoms, phantom holders and source holders.

Computer upgrade

Upgraded or new computers are provided along with new keyboard, mouse and computer monitor.

Tube replacement

A new X-ray tube is installed and calibrated.*

System testing and calibration

PET detectors are calibrated and tuned to meet or exceed resolution and sensitivity specifications. CT system is fully calibrated. Motions on the patient table and gantry separation unit are aligned and calibrated. Fused PET and CT image alignment is performed.

* In some rare cases, the X-ray tube is nearly new and therefore replacement is not necessary.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

ISO certification

The Diamond Select refurbishing facilities are certified to ISO9001-2008, ISO13485-2003 and ISO14001-2004 standards.

Sustainability

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Philips Diamond Select - Refurbishment process of SPECT systems

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Refurbishment common to all Systems

De-installation

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Incoming transportation

By using the original transportation pallets as well as selected carriers, we make sure the system is transported to the refurbishing factory in a safe and controlled way.

Receipt audit

Upon arrival of the system in the refurbishing factory, an audit report is generated in order to confirm system integrity and completeness.

Disassembly

Covers are removed from the system and the internal components are thoroughly inspected. Mechanical assemblies are disassembled to enable detailed evaluation of wear and tear.

Decontamination

All exposed parts are completely disinfected.

Parts replacement

Defective or outdated parts are replaced with the original factory parts.

Technical product updates

Applicable mandatory and safety Field Change Orders (FCOs) are installed.

PHILIPS

Painting

System is completely painted in the original colors using factory specified paint to make the system look like new.

Custom configuration

Systems are configured to the customers' order using the wide range of catalog options.

Software updates

The latest available operating software is installed.

System staging

After refurbishment at component level each system is assembled and staged in a test bay. All applicable system performance tests are performed and Image Quality is measured against original specifications.

Documentation

A full set of user manuals and updated technical service documentation is provided with every system.

Sign off procedure

A complete technical and cosmetic sign off

procedure is performed prior to release for packaging.

Packaging and crating

System is packaged and crated by expert shipping personnel.

Outgoing transportation

Transportation to and on site is done by qualified transportation companies.

Installation

All Diamond Select products are installed by Philips trained installation technicians.

Modality Specific Refurbishment

Parts replacement

Defective parts are replaced with original factory parts. A new accessory set which contains pads and straps is included with every system.

Computer upgrade

Upgraded or new computers are provided along with new keyboard, mouse and computer monitor.

Crystal replacement

Crystals are replaced as a matter of course if more than slightly used..

Detector assembly

New optical grease is used to re-couple the PM tubes to the crystal. Tube harness and detector electronics are re-assembled. performed.

System testing and calibration

Detectors are calibrated and tuned. Linearity, energy, and correction tables are acquired to meet original UFOV and CFOV specifications. Gantry motions and center of rotation are calibrated.

Additional Value

Patient privacy

Patient data is permanently removed from all hard drives to protect patient privacy and support HIPAA directives.

Clinical education

All systems are provided with onsite clinical education. Additional clinical education is available for every system.

Warranty

All Diamond Select products include the same one-year-warranty as new Philips Healthcare products.

ISO certification

The Diamond Select refurbishing facilities are certified to ISO9001-2008, ISO13485-2003 and ISO14001-2004 standards.

Sustainability

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