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BrightView X Camera - 9.5 mm (3/8") crystal

BrightView X is a general-purpose variable angle gamma camera that is field-upgradeable to BrightView XCT for localization and attenuation correction. BrightView X provides exceptional flexibility, enhanced nuclear medicine-centric workflow, and a platform for emerging molecular imaging agents. Integrated CloseUp technologies provide excellent ability to maintain close proximity to the patient for optimized resolution.

PinPoint Digital Detectors

PET-based PinPoint technologies include digital detectors and electronics with advanced iterative positioning algorithms.

- 59 Photo-multiplier tubes interfaced to 59 A/D Converters
- Dual NaI, 54 cm x 40.6 cm (21.25" x 16") FOV detectors, 9.5 mm (3/8") thick crystal
- Enhanced resolution and uniformity detector specifications
- Energy independent performance up to 300 keV
- Useful detector energy range: 56 to 662 keV
- Digital real-time energy, linearity, and uniformity correction

Highly stable open gantry design

BrightView X has an open gantry with 10-axis design to provide exceptional mechanical stability and precise center of rotation. Advanced robotics feature automatic set-up of gantry, detectors, collimators, and patient table for improved workflow; automatic, single button touch for bed imaging, quality control, upright imaging, and other positions.

- CardioTrac: Automated cardiac setup and with tracking zoom electronics to avoid patient truncation
- CloseUp imaging for highest resolution with minimized patient-to-detector distance
- Generous gantry aperture of 91.4 cm (36 inches) for imaging large patients and for unobstructed patient monitoring
- LCD touch screen camera interface on the gantry
- Ergonomically designed, wireless (RF) hand controller
- Caudal-cephalic tilt- +/- 15 degrees perpendicular to the axis of rotation

Auto Body Contouring

BodyGuard automatic body contouring for SPECT and TB applications uses a conductive method (electrical impedance) to "see" the patient and other conductive material, such as the imaging pallet and wet IV lines. User programmable scan distance.

Patient Table

BrightView X comes with a general-purpose imaging table with vertical and translation control. It is permanently mounted at the far end of the table from the gantry. The table may be easily pivoted to either side of the room. The table has an open design for easy patient loading, patient restraining, and positioning. The table supports a 227 kg (500 lbs) patient weight limit.

JETStream Acquisition System

The JETStream is a user and site configurable acquisition system with an easy to use graphical

user interface. Patients may be pre-scheduled in the JETStream, linked to the desired acquisition protocol with the click of a single button. Other key features include:

- Smart Step: Provides tremendous workflow efficiency with customizable and automatic acquisition setup
- Up to 16 energy windows: Important for multi-radionuclide imaging, advanced scatter corrections, and molecular imaging agents
- Basic Concurrent Imaging: Ability to save a single acquisition step into up to 3 simultaneous datasets (each with independent matrix, zoom, energy windows, gating parameters, stop criteria, and data type) that provide the benefit of improved throughput, optimized image quality, and additional diagnostic data
- 48.3 cm (19") Flat LCD monitor (wall mounted or cart-based)
- Includes keyboard and trackball, or mouse
- Linux server (x86-64, 3.4 GHz Intel Pentium 4, 1 GB DDR2 memory minimum)
- Windows-based user console client. (X86-64 3.2 GHz Intel Celeron D, 1 GB DDR2 memory minimum)
- Minimum of 160 GB hard drive for server (60 GB for image data, 80 GB for list mode data)
- Minimum of 80 GB hard drive for client
- Recordable DVD drive

DICOM Export and Storage Commit are standard.

Compatibility tested with EBW-Nuclear Medicine Applications Suite.

Includes one (1) camera interface cabling and system installation.

All specifications are subject to change.

Clinical Education Program for BrightView Camera

NM EBW OffSite Education: Philips will provide one (1) technologist, as selected by customer, with in-depth didactic, tutorial, and hands-on training covering basic applications of workstation functionality. This class is a prerequisite to Handover OnSite Education. In order to provide trainees with the ability to apply their new knowledge most effectively, this class should be attended no earlier than two weeks prior to system installation. This twenty-eight (28) hour class is located in Cleveland, Ohio, and is scheduled based on equipment configuration, geography, and availability. Due to program updates, the number of class hours are subject to change without notice. Customers will be notified of current, total class hours at the time of registration. CEU credits may be available for each participant that meets the Guidelines provided by Philips during the scheduling process. Travel and lodging are not included, but may be purchased through Philips. **It is highly recommended that 989801292164 (NM Full Travel Package Offsite) is purchased with all Offsite courses.**

Handover OnSite Education: Philips Education Specialists will provide twenty-eight (28) hours of OnSite Education for up to four (4) students, selected by customer, including technologists from night/weekend shifts if necessary. The first four (4) hours onsite will be spent configuring new equipment for specific clinical needs, as well as reviewing important safety features and quality procedures. Course content is intended to provide the framework for operational workflow and clinical applications as they pertain to your site specifically. Students should attend all 28 hours, and must include all OffSite education attendees. CEUs are not available in all cases. Please read Guidelines for more information, which will be provided to you during the scheduling process. Note: Site must be patient-ready. Philips personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation.

FollowUp OnSite Education: Philips Education Specialists will provide twenty-four (24) hours of Follow-Up Education for up to four (4) students, selected by customer, including technologists from night/weekend shifts if necessary. Customer must have used the system for at least 30 days. CEUs are not available in all cases. Please read Guidelines for more information, which will be provided to you during the scheduling process. Note: Philips personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation.

Recommendations:

To enhance customer satisfaction with the camera and workstation over the first year of use, **989801292162 (NM FollowUp OnSite 16h)** should also be purchased. To maximize customer satisfaction with workstation software options, **989801292153 (NM Add OnSite Clin Educ 08h)** should be purchased for options 4DMSPECT, Syntegra, AQMD, AQ Xcelera, and JetPack. To assist customers in maximizing the potential of their workstation, **989801292277 (NM Adv JETStream Offsite 20h)** should also be purchased with corresponding **989801292164 (NM Full Travel Package Offsite)**.

The above education entitlements expire one (1) year from equipment delivery date.
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| 2 | * | <p>SPECT Systems Delivery 1</p> <p>Notice</p> <p><u>The current delivery timeframe for new BrightView X and XCT orders is in 2016, please be aware that Philips may cancel the order at any time prior to delivery without liability. The delivery timeframe in non-binding, and no late delivery or cancellation penalties will apply.</u></p> |
| 3 | | <p>BrightView X Local Kit-ENG 1</p> <p>BrightView X localization kit includes keyboard, system labels, GUI software, Quick Reference Guide, Release Documents, and electronic copy of User Manual in English</p> |
| 4 | | <p>Wall Mounted Acquisition 1</p> <p>BrightView XCT wall mounted flat LCD monitor for the acquisition station</p> |
| 5 | | <p>DICOM Modality Worklist 1</p> <p>DICOM Modality Worklist software for the BrightView camera provides access to patient information using DICOM standard specifications. It enables receiving data from an Information System (i.e., Patient Name, Patient ID, Study Type, Accession Number and Sex) to avoid typing errors, time to type information and gives an update on the patients scheduled for the day.</p> <p>With DICOM Modality Worklist Management only patient demographics and study identification parameters will be received from a RIS. This functionality does NOT transfer any image data. Current System tested: Mitra PACS Broker, which acts as an interface with most of the RIS systems of the market. For more precise information, an evaluation can be done by the Philips Healthcare Custom Network Department.</p> <p>NOTE: This is a software-only package; it does not include hardware or remote node software. A TCP/IP network environment must be established and functional including assignment of IP addresses</p> |
| 6 | | <p>5.0 KVA UPS Power Conditioner 1</p> |

5.0 KVA, 200~240 VAC (50/60 Hz) Auto Switch

System provides backup power for Nuclear Medicine procedures only. System does not provide backup power for the x-ray generator.

- APC Smart UPS RT 5.0 KVA , 208V
- Input voltage range of 160-280 V
- Input Frequency 50/60 Hz +/- 5 Hz (auto sensing) and single phase
- Input power is connected to the unit via 30-amp twist-lock plug (L6-30P)
- Two output receptacle (L6-30R) and two (L6-20R) provide 200, 208, 220, 230 and 240VAC (selectable) power
- Self-diagnostics and front-panel status display
- Modular design enables easy usage
- Manufacturer's standard two-year limited warranty

7 ** UPS Cable Kit for XCT 1
Cables required for the installation of a UPS with a BrightView XCT system.

8 ** BV XCT Premium Comfort Kit 1
Premium patient comfort kit includes:

- Memory foam pallet pad
- Wide Velcro body wrap
- Premium IV pole
- SPECT shoulder support
- Knee support wedge
- Total Body arm boards
- Slicker to improve large patient comfort during pallet indexing

9 ** IVY BIOMEDICAL CARDIAC 1
GATE
IVY Biomedical Cardiac Gate
ECG gating system for Medical Imaging workstation.

System provides 7" CRT display of ECG and trigger indicator with variable gain control that automatically adjusts to individual ECG amplitude.

System includes 6-foot 3 ECG cable.

10 ** XCT LEHR Collimator Pair 1
Low-energy (140 keV) high-resolution collimator pair with exchange c
simultaneous exchange of both collimators.

11 ** XCT MEGP Collimator Pair 1
Medium energy (300 keV) general-purpose collimator pair with exchange cart for semi-automatic and simultaneous exchange of both collimators.

12	**	XCT HEPH Collimator	1
		High-energy (364 keV) pinhole collimator for BrightView, used for thyroid, pediatrics, and small organ imaging. Includes semi-automatic exchange cart.	
13	**	4MM Insert Aperture for HEPH	1
		4mm collimator aperture designed for the high-energy pinhole (HEPH) Collimator	
14	**	Intrinsic 4-Bar Phantom	1
		Intrinsic and extrinsic 4-Bar quadrant phantom: each model contains four sets of lead bars measuring resolution at 0.4, 0.3, 0.25, and 0.2 cm (1/6, 1/8, 1/10, 1/12 inch)	
15	**	16 Hours of Additional OnSite Clinical Education	1
		Clinical Education Specialists will provide sixteen (16) hours of tailored Nuclear Medicine OnSite Education for up to four (4) students, selected by customer, including technologists from night/weekend shifts if necessary. CEUs are not available in all cases. Please read Guidelines for more information, which will be provided to you during the scheduling process. Note: Philips personnel are not responsible for actual patient contact or operation of equipment during education sessions except to demonstrate proper equipment operation. Education expires one (1) year from the earlier of equipment delivery date or purchase date.	
16	**	Airfare to Cleveland for Biomed Training	1
		Includes one (1) participant's airfare from North American customer location to the Cleveland Training Center (CTC) in Cleveland, Ohio. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Expires one (1) year from the earlier of equipment delivery date or purchase date.	
17	**	Food Transpt Lodging for Cleveland Biomed Training	10
		Includes one (1) day of modest lodging, ground transportation, and meal expenses in Cleveland, Ohio for one (1) attendee. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced. Although this part is only for one day, it is sold in multiple quantities to account for entire length of course. Expires one (1) year from the earlier of equipment delivery date or purchase date.	
18	**	NM3201 BIOM BRIGHTVIEW FAMILY	1
		DESCRIPTION:	
		This course provides the student with the necessary information to be able to configure, operate, calibrate and troubleshoot the BrightView systems. You will be guided through the different features and options of the system and will be able to operate the system at a basic level. The course provides theory and labs covering the BrightView gantry, table, detector and electronics. The labs will provide opportunities to perform all calibrations, tests, quality checks, basic troubleshooting and corrective maintenance on the BrightView system.	

1. Trainee must meet all prerequisites
2. Course expires one (1) year from equipment installation date (or purchase date if sold separately)
3. Customer must sign Philips Nondisclosure statement
4. Trainee must sign Philips Nondisclosure statement
5. Customer must sign Philips terms and conditions of training

19	**	Full Travel Package for OffSite Education	1
<p>Includes one (1) participant's airfare from North American customer location to Cleveland, Ohio, with modest lodging, ground transportation, and meal expenses. Breakfast/dinner provided by the hotel, and lunch/breaks are catered by Philips. All other expenses will be the responsibility of the attendee. Details are provided during the scheduling process. Note: Cancellation/rescheduling policy strictly enforced.</p> <p>Expires one (1) year from the earlier of equipment delivery date or purchase date.</p>			

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| 1 | ** | XCT LEGP Collimator Pair | 1 |
| | | Low-energy (140 keV) general-purpose collimator pair with exchange cart for semi-automatic and simultaneous exchange of both collimators. | |
| 2 | ** | XCT HEGP Collimator Pair | 1 |
| | | High-energy (364 keV) general-purpose collimator pair with exchange cart for semi-automatic and simultaneous exchange of both collimators. | |
| 3 | ** | XCT CHR Collimator Pair | 1 |
| | | Low-energy (140 keV) high-resolution long bore collimator pair with CloseUp technology to minimize (< 2.5 cm / < 1 inch) cardiac dead space for relative 90 degree imaging. Includes exchange cart with semi-automatic and simultaneous exchange of both collimators. | |
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This product warranty document is an addition to the terms and conditions set forth in the quotation to which this warranty document is attached. The terms and conditions of the quotation are incorporated into this warranty document. The capitalized terms herein have the same meaning as set forth in the quotation.

TWELVE-MONTH SYSTEM WARRANTY

Philips warrants to Customer that the product described in the quotation as delivered to Customer will perform in substantial compliance with its published performance specifications for a period of twelve (12) months from the date of completion of installation or first patient use, whichever occurs first.

PLANNED MAINTENANCE

During the warranty period, Philips' service personnel will schedule planned maintenance visits in advance at a mutually agreeable time on weekdays, between 8:00 A.M. and 5:00 P.M., excluding Philips observed holidays.

SYSTEM OPTIONS

Any commercially available options or accessories for the System which are delivered and/or installed by Philips hereafter on the System shall be subject to the same warranty terms contained in the first paragraph of this warranty, except that such warranty shall expire: a) upon termination of the initial twelve (12) month warranty period for the System on which the option or accessory is installed, b) after ninety (90) days for parts only from the date of installation, or c) on the annual renewal date of any current service agreement on the System.

SYSTEM UPGRADES

Any commercially available upgrade to the System which is hereafter installed by Philips shall be subject to the warranty terms contained in the first paragraph of this warranty, except that such warranty shall expire: a) upon termination of the initial twelve (12) month warranty period for the System on which the upgrade is installed, b) after ninety (90) days for parts only from the date of installation, or c) on the annual renewal date of any current service agreement on the system.

SYSTEM SOFTWARE AND SOFTWARE UPDATES

The software provided with the System will be the latest version of the standard software available for that System as of the 90th day prior to the date the System is delivered to Customer. Updates to standard software for the System that do not require additional hardware or equipment modifications will be performed as a part of normal warranty service during the term of the warranty.

All software is and shall remain the sole property of Philips or its software suppliers. Use of the software is subject to the terms of a separate software license agreement. Customer must sign all such license agreements prior to or upon the delivery of the product. No license or other right is granted to Customer or to any other party to use the software except as set forth in the license agreements.

Any Philips maintenance or service software and documentation provided with the product and/or located at Customer's premises is intended solely to assist Philips and its authorized agents to install and to test the System, to assist Philips and its authorized agents to maintain and to service the System under a separate support agreement with Customer, or, to permit Customer to maintain and service the System. Customer agrees to restrict the access to such software and documentation to Philips' employees and those of its authorized agents, and to authorized employees of Customer only.

WARRANTY LIMITATIONS

Philips' obligations under the System warranty are limited, at Philips' option, to the repair or the replacement of the System or a portion thereof, or to a credit or refund of a portion of the purchase price paid by Customer. Any refund will be paid to Customer when the System is returned to Philips. Certain of the parts used in the manufacture or installation of, or in the replacement parts for, this System may contain refurbished components. If such components are used, they will be subject to the same quality control and inspection procedures as all other components in the System. Any System warranty is made on condition that Philips receives written notice of a System defect during the warranty period, and within thirty (30) days following the discovery of the defect by Customer. Philips' obligations under the System warranty do not apply to any System defects resulting from: improper or inadequate maintenance or calibration by Customer or its agents; Customer or third party supplied software, interfaces, or supplies; use or operation of the product other than in accordance with loss, or damage in transit; improper site preparation; unauthorized maintenance or Philips' applicable product specifications and written instructions; abuse, negligence, accident, modifications to the System; or, to viruses or similar software interference resulting from the connection of the product to a network. Philips does not provide a warranty for any such third party products furnished to Customer by Philips; however, Philips shall use reasonable efforts to extend to Customer the third party warranty for the product. The obligations of Philips described above are Philips' only obligations and Customer's sole and exclusive remedy for a breach of a System warranty. Repairs or replacement parts do not extend the term of this warranty.

THE WARRANTIES SET FORTH IN PHILIPS' WARRANTY DOCUMENT WITH RESPECT TO THIS SYSTEM (INCLUDING THE SOFTWARE PROVIDED WITH THE SYSTEM) ARE THE ONLY WARRANTIES MADE BY PHILIPS IN CONNECTION WITH THE SYSTEM, THE SOFTWARE, AND THE TRANSACTIONS CONTEMPLATED BY THE QUOTATION, AND ARE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

ACCESS TO SYSTEM

Philips shall have full, free and safe access to the System and Customer's operation, performance and maintenance records for the System, on each scheduled or requested warranty service visit. Philips shall also have access to and use of any machine, service, attachment, features or other equipment required to perform the necessary service contemplated herein at no charge to Philips. Customer waives warranty service if it does not provide such access to the System and Customer's records. Should Philips be denied access to the System and Customer's records at the agreed upon time, a charge equal to the appropriate hourly rate will be accepted by Customer for "waiting time."

WARRANTY SERVICE

In the event it is not possible to accomplish warranty service within normal working hours (8:00 A.M. to 5:00 P.M., Monday through Friday, excluding Philips observed holidays), or in the event Customer specifically requests that warranty service be performed outside of Philips normal working hours, Customer agrees to pay for such services at Philips standard service rates in effect. Maintenance Agreements are available for extended coverage.

TRANSFER OF SYSTEM

In the event Customer transfers or relocates the System, all obligations under this warranty will terminate unless Customer receives the prior written consent of Philips for the transfer or relocation. Upon any transfer or relocation, the System must be inspected and certified by Philips as being free from all defects in material, software and workmanship and as being in compliance with all technical and performance specifications.

Customer will compensate Philips for these services at the prevailing service rates in effect as of the date the inspection is performed. Any System which is transported intact to pre-approved locations and is maintained as originally installed in mobile configurations will remain covered by this warranty.

CONDITIONS

This warranty is subject to the following conditions: the System (a) are to be installed by authorized Philips representatives (or is to be installed in accordance with all Philips installation instructions by personnel trained by Philips), (b) is to be operated exclusively by duly qualified personnel in a safe and reasonable manner in accordance with Philips written instructions and for the purpose for which the products were intended, (c) is to be maintained and in strict compliance with all recommended and scheduled maintenance instructions provided with the System, and (d) Customer is to notify Philips immediately in the event the System at any time fails to meet their printed performance specifications.

LIMITATIONS OF LIABILITY AND DISCLAIMERS

The liability, if any, of Philips AND ITS AFFILIATES for damages whether arising from breach of the terms in the quotation, breach of warranty, negligence, indemnity, strict liability or other tort, or otherwise with respect to the products and services is limited to an amount not to exceed the price of the product or service giving rise to the liability.

IN NO EVENT SHALL PHILIPS OR ITS AFFILIATES BE LIABLE FOR ANY INDIRECT, PUNITIVE, INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES, INCLUDING WITHOUT LIMITATION, LOST REVENUES OR PROFITS, OR THE COST OF SUBSTITUTE PRODUCTS OR SERVICES WHETHER ARISING FROM BREACH OF THE TERMS IN THIS QUOTATION, BREACH OF WARRANTY, NEGLIGENCE, INDEMNITY, STRICT LIABILITY OR OTHER TORT. PHILIPS SHALL HAVE NO LIABILITY FOR ANY GRATUITOUS ADVICE PROVIDED TO THE CUSTOMER.

FORCE MAJEURE

Philips and Customer shall each be excused from performing its obligations arising from any delay or default caused by events beyond its reasonable control including, but not limited to: acts of God, acts of third parties, acts of the other party, acts of any civil or military authority, fire, floods, war, embargoes, labor disputes, acts of sabotage, riots, accidents, delays of carriers, subcontractors or suppliers, voluntary or mandatory compliance with any government act, regulation or request, shortage of labor, materials or manufacturing facilities.