101698 DigitalDiagnost 4.1 Chest / Emergency

System Type: New
Freight Terms: FOB Destination
Warranty Terms: Part numbers beginning with two (2) asterisks (**) are covered by a Per Contract. All other part numbers are third (3rd) party items.

Special Notations: Contingencies must be removed 120 days before scheduled shipment to assure delivery on specified date.
Any rigging costs are the responsibility of the Purchaser.

Additional Terms:

Line #	Part #	Description	Qty	Each	Price
1	****NNAH362**	**DigitalDiagnost 4.1 Chest ER**	**1**		

DigitalDiagnost is a premium direct digital radiography system with flat detector technology, based on modular components to allow for customization for all radiographic applications and workload requirements. It benefits from years of developmental experience and suggestions from satisfied customers all over the world who have had conventional and digital Philips Bucky systems.

The system combines all the advantages of a digital radiography unit with the latest Philips advanced features for easy and ergonomic workflow. Please note that depending on the particular room setup chosen, some options might not be available or already be included in the setup.

Main benefits at a glance

- Flexible component-based geometry to fit specific needs
- High efficiency and high patient throughput due to powerful automated features
- Uncompromising ergonomics due to complete system integration and special design
- Integrated one, two or three Cesium Iodide (CsI) digital flat panel detector(s), depending on setup
- Ample detector area for full diagnostic information even with large patients
- Dose reduction due to high detector quantum efficiency
- Decrease in the number of repeat exposures due to the reduction of overexposed and underexposed images
- Superb image quality due to state-of-the-art detector technology and exclusive UNIQUE image processing
- Total radiation dose monitoring by an integrated area dose calculator
- Ceiling suspension with handy handle, control buttons, and release brake, as well as convenient color-coding of movements
- Wide 16.5 cm (6.5") LCD display on tube head for clear information and statuses
- Integrated centering laser in the tube head for easy positioning
- Verious generators, depending on setup
- Customizable Eleva touch screen user interface
- High flexibility for integrating into hospital network infrastructure
- Support of relevant IHE profiles
- State-of-the-art IT security and patient privacy architecture
- Professional serviceability and remote service capabilities

The ceiling suspension carrying the X-ray tube allows the freedom for a wide range of longitudinal and transverse movements in the room, allowing performing table and vertical stand examinations, as well as lateral projections and free exposures using the SkyPlate detector or PCR cassettes. Thanks to a four-part telescopic column and an award-winning control handle, the system can be operated with only one hand and easily positioned close to the patient with the option to be fully motorized. The clear and wide LCD information display and controls on the tube head, combined with the Eleva alternative workflow concept, automatic tube tracking, detector alignment and move to position functions, provide high projection flexibility plus quick and easy

handling. A convenient room height adjustment at installation allows the system to fit almost any room height, to achieve the necessary source-image distance above the table, and to go down to the floor for lower extremity work.

The innovative Eleva workspot of DigitalDiagnost lets you experience simplicity like never before. Designed with input from customers, it provides a clear and intuitive touch screen user interface. It is easy to learn and use, and is highly configurable to adapt to particular needs and specific workflows, resulting in high room efficiency.

The high workflow automation possible through the Advanced Eleva concept allows concentrating on patients instead of on the system. The touch screen user interface, the integrated generator controls, and the automatic setting of exposure parameters based on patient and examination information coming from the RIS, provide quick and easy access to all functions a busy technologist needs to achieve an efficient workflow. In addition, the Eleva alternative workflow concept provides the flexibility to adapt to particular situations and change the planned examination protocol without readjusting any exposure settings.

The Philips Eleva Workflow plus package provides smart tools for an improved and fast workflow and is complementary to the Advanced Eleva functionality standardly provided with the X-ray system. Especially designed for high throughput environments, the Eleva Workflow plus package helps the user to focus on the patient and the examination instead of on system handling and workflow. Automatic markers are generated, displayed and stored/ printed automatically for CR and DR images. The intuitive RIS- code learning feature allows for "on-the-fly" configuration of new or changed RIS codes directly within the worklist environment. The RIS can be filtered on a detailed level for improved schedule planning and fast access to specific patient information. The "Generator only" mode allows additionally for free exposures on e.g. CR cassettes or film cassettes without the need to schedule the patient in the system worklist. Furthermore, the Eleva Workflow Plus package allows access to Eleva's "advanced user" environment for individual customization and configuration of the user interface, such as tool bar configuration, user management, analyzing system statistics and adaptation of the anatomical data base and image processing.

The Philips Eleva Review plus package was developed for workflows, where intense image review plays an important role. Dedicated tools help to manipulate, compare, measure and prepare images before being archived in a PACS or being printed on film. The full screen mode allows for improved clinical review and quality management of images. Thanks to the multiple image display (display 1, 2 or 4 images), previous images can be directly compared to newly acquired images. Additional zoom and pan functions, dedicated zoom settings to the point of interest, size calibration and extended measurement functions like distance and angle are required for precise quantitative image analysis. Semi-automatic rotation and free image rotation in 0.5 degree steps provide fast image correction in the case of angulated or oblique projections. Annotations such as free text or pre-defined markers (e.g. L/R) can be customized and freely placed within images. The simple ranger tool allows for dedicated image processing of an anatomically relevant image area for optimal display of challenging structures, e.g. metal implants or small foreign particles.

Thanks to Philips outstanding UNIQUE (UNified Image QUality Enhancement) advanced multi-resolution image processing, images are always displayed fully processed. UNIQUE provides an optimal contrast harmonization with enhanced details, while the overall impression remains natural. When used in combination with Philips integrated CR, it provides a comparable image impression for all CR and DR images.

The Eleva Advanced Dose Reporting allows printing of the individual patient dose report as well as the cumulative daily dose reports via network connection on a paper printer in PostScript format (not part of this package) for easy dose management.

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DigitalDiagnost provides built-in privacy according to HIPAA recommendations, and security and interoperability standards. It integrates seamlessly into the hospital network and provides embedded anti malware measures as well as restricted access to prevent the system from unauthorized use. It supports connection to a Radiology Information System (RIS), to DICOM-compatible diagnostic units and archives and to DICOM imagers, according to the relevant IHE profiles.

Specifications

- Ceiling Suspension CSM
  - Four-part aluminum telescopic column with spring counter balanced holder for X-ray tube assembly, adaptable to individual room heights
  - Ceiling height at source-image distance 110 cm (44"): 2.65 m to 3.20 m (8' 8.3" to 10' 5.9")
  - Minimum ceiling source distance: 87.1 cm (34.3")
  - Possible room height adjustment: 37.5 cm (14.8")
  - Lowest tube position: 30 cm (11.8") measured from center of beam to the floor
  - Length of rails: base rails 4.3 m (14' 1.3"), optional rails extension 2.7 m (8' 10.3")
  - Longitudinal travel with Comfort Track and Comfort Move: 3.44 m (11' 3.4"), 6.14 m (20' 1.7") with rails extension option
  - Longitudinal travel with Comfort Position: 3.28 m (10' 9.1"), 5.98 m (19' 7.4") with rails extension option
  - Transverse travel: 1.50 m (4' 11") with short transverse rails, 3.22 m (10' 6.7") with long transverse rails
  - Vertical travel: 1.65 m (5' 5.2")
  - Rotation of focal spot around vertical axis of column: 360° (±180°), with rotation stop +180°/-165° and lock position every 45°
  - Angulations of focal spot around horizontal axis: ±125°, lock positions 0° and ±90°
  - Prepared for motorized movements in 5 axis
- Control handle
  - Centering device in longitudinal and transversal directions
  - Brake/locking controls and central three-axis brake-release at lowest position of handle
  - Wide 16.5cm (6.5") LCD information display and control buttons
- Collimator
  - Motorized automatic collimation, manual overrule possible, with light field indicator
  - Angle of aperture and rotation: 2 x 15°, ±45°, depending on the collimator (see type number plate)
  - Timer switch: up to 30 s
  - Inherent filter value: <0.3 mm at 100 kV, depending on the collimator
  - Added filters: 2 mm Al or 1 mm Al + 0.1 mm Cu or 1 mm Al + 0.2 mm Cu
  - Source-image distance measurement tape
- Eleva workspot computer
  - Processor: Intel® Core i5-2400 (3.40 GHz, 6 MB Cache) or better
  - Hard disk: 250 GB SATA, 12 GB used for operating system and application software
  - Image storage: 200 GB for typically 4000 images
  - 8 GB memory or better
  - 48x CD/DVD reader/ writer
  - Ethernet 10/100/1000 Base-T Gigabit
  - Geometry interface

- Detector interface
- Integrated generator control
- Memory stick support to access quality control and statistic data
- Keyboard and mouse

Comprising

- Ceiling suspension CSM
  - Four-part telescopic column
  - X-ray tube assembly with collimator
  - Control handle with buttons and LCD screen
  - Rail system
  - Installation cables and high voltage cables
  - Set of marker for preferred source-image distance
  - Philips Comfort Track system motorization
- Eleva workspot
  - Eleva workspot computer, keyboard and mouse, cables
  - Eleva application and examination database software and licenses
  - Eleva Workflow Plus license
  - Eleva Review Plus license
  - Eleva Advanced Dose Reporting license
  - Windows 7 system software and licenses
  - UNIQUE advanced multi-resolution image processing
  - Dynamic reconstruction image processing software
  - Shutter and Image Verification tool
  - Solid Core Software and license
  - Instruction for use
  - Quick reference guide
  - User documentation

The Eleva examination Control Advanced combines brilliant image display and excellent ergonomics.
Main benefits at a glance

- Takes full advantage of Eleva advanced user interface and ease of use
- Optimizes space in the control room, workflow and efficiency
- Touch technology compatible with rubber gloves
- Wide screen size
- Wide viewing angle
- Calibrated according to DICOM GSDF standard for better image fidelity
- Qualified for second reviewing
- Clear to read & easy to clean glass surface

Its smart design combines two consoles in one, allowing space saving in the control room and a more efficient workflow: the flat 19" LCD color display provides touch screen technology for intuitive and efficient use and the sturdy hardware buttons on the frame offer integrated control of the generator to modify the most frequently adjusted exposure parameters.

For more convenience during particular procedures like trauma, the microwave touch screen technology allows touch use also with rubber gloves. The glass plate in front of the screen ensures clear display and ease of cleaning.

Specifications

- 19" flat panel color TFT LCD display
- Resolution 1280 x 1024 pixels
- Luminance 220 cd/m²
- Hardware buttons commands: on/off, default examination, help, adjust kV, adjust mA, adjust mS, last used values

Comprising

- Active Matrix TFT LCD display with anti-reflex touch front, hard coated top sheet
- Integrated hardware buttons for control of exposure parameters
- Integrated hardware buttons for system power on/off and help
- Software licenses
  User documentation

Uninterruptible Power Supply (UPS) for the Eleva workspot computer and monitor.
The device provides emergency power to the Eleva workspot in case of electrical network power failure, allowing to bridge time to safely store images and complete the last tasks.
It provides instantaneous protection from input power interruptions by means of an integrated battery and electronic circuitry, allowing to continue working for approximately 60 minutes.

Specifications

- Allows using the Eleva workspot for approximately 60 minutes after main power interruption
- Typical charging time: approximately 4 hours
- Typical heat emission: 4 W (5 W max) in standby, 86 W (99 W max) in operation
- Dimensions: depth 48.3 cm (19"), width 21 cm (8.3"), height 43.2 cm (17")
- Weight: 25 kg (55 lbs)

Comprising

UPS device including holder for vertical positioning, power cable

CS Base Rails 4,3 m (14' 1.3")
For longitudinal carriages of CS monitor ceiling suspension or auxiliary ceiling suspension; length 4.3 M.

Comprising:

- 2 CS rails
- Adjustable end/stops
- Spacer strips
- Fixing parts
- Brake rails

Compatible with:

- CS 2 CS 4
- Monitor ceiling suspension
- Rail extension 9890 010 01622
- Rail for cable carrier 9890 010 02422

CABINET BOX

Cable Carrier CS
Additional carrier for suspension of cable hose from CS 2/4 or TV- monitor.

Comprising:

- Carriage for CS- ceiling rail with adapter for different cable hoses

Handover OnSite Education: Philips Education Specialists will provide twenty-eight (28) hours of education for up to four (4) students, selected by customer, including technologists from night/weekend shifts if necessary. Students should attend all 28 hours, and must include any OffSite education attendees if applicable. CEU credits may be available if the participant meets the guidelines provided by Philips. Depending on your system configuration, the first four (4) hours onsite may be spent configuring new equipment for specific clinical needs, as well as reviewing important safety features and quality procedures. Please read guidelines for more information. 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.

Recommendations: In order to enhance customer satisfaction with image quality over the first year, we highly recommend that part# 989801292145, XR Add OnSite Clin Educ 16h is purchased.   This training will assist the customer in maximizing the unique image quality pre-sets to suit their facilities needs. Clinical Education highly suggests the image quality visit occur two to four weeks post initial handover.

Education expires one (1) year from equipment installation date (or purchase date if sold separately). Ref # 522-100614

2	**NRDN232	Digital VS vertical stand with fixed detector	1		

Philips height-adjustable VS vertical stand has a proven and smart design that makes no compromise on robustness, quality and work efficiency, even with challenging patients and difficult examination conditions. It is optimal for X-ray departments specializing in thorax examinations. The motorized tilting option extends the possible application range to extremities, skeletal examinations, and even under-table examinations using a trolley.

Main benefits at a glance

- Vertical stand mounted on the floor, optimal for chest X-ray and all wall Bucky applications
- Motorized height adjustment from 30 to 180 cm (11.8" to 5' 11") with two different speeds, plus manual operation for precise positioning
- Customizable pre-defined positions (move-to-position) and numerous other well-planned features that significantly reduce the physical demands placed on the technologist

- Easy patient positioning with counterbalanced large vertical movement rangeLarge and ergonomic patient grips on both left and right sides of the detector for safe and comfortable patient positioning
- Optional rotatable patient stretch grip on top left or right side of the detector
- Convenient user interfaces on both left and right sides of the detector, for quick and easy adjustment of movements, collimation, field alignment and orientation, selection of automatic exposure control chambers, and tracking mode
- Wireless remote control providing all commands of the side user interfaces
- Wide size 43 x 43 cm (17 x 17") integrated digital flat detector
- Five-field automatic exposure control chamber for optimal image quality and dose, and positioning flexibility
- Automatic tube height adjustment to detector height (tracking)
- Automatic collimation for X-ray beam limitation to digital flat detector, according to pre-programmed examination parameters
- Optional motorized detector tilting (-20° to +90°) to support examination of patients on a stretcher, plus straightforward exams of extremities for seated or standing patients
- Optional display on vertical stand column for patient data in the examination room
- Removable oscillating grid for optimal image quality and dose
- Convenient storage for two grids within the detector unit for immediate and safe storage

The motorized height adjustment from 30 to 180 cm (11.8" to 5' 11") measured at center of detector above the floor, gives a total lift of 150 cm (4' 11.1") to adjust to a comfortable and safe working height with a choice of two different speeds.

The wide size 43 x 43 cm (17 x 17") integrated detector covers all relevant anatomy and offers full diagnostic information. Its Cesium Iodide (CsI) technology provides excellent quantum efficiency (DQE) and helps to reduce the required patient dose.

An integrated five-field automatic exposure control chamber ensures optimum image quality at the lowest possible dose even for difficult projections, and provides positioning flexibility for various examinations without moving the patient. The removable oscillating grid can be stored conveniently and safely directly in the detector unit.

Specifications

- VS vertical stand
    - Counterbalanced rugged column for motorized and manual vertical movement of the detector
    - Vertical movement range: 30 to 180 cm (11.8" to 5' 11"), measured at center of detector
    - Installation: floor and wall attachment, or floor only (optional)
    - Detector unit: 59.6 x 57.5 cm (23.5 x 22.6")
    - Optional tilting: -20° to +90° motorized
    - Automatic exposure control (AEC): 5 AEC measuring fields
    - Operating: two user interfaces (left and right)and wireless remote control
    - Removable oscillating grid 40/8/140: 40 lines/cm (100 lines/inch), ratio 8, focus 140 cm (56") for use with source-image distance from 110 to 180 cm (44" to 71")
    - Grid storage: for up to two grids within the detector unit

- Detector

- Wide size 43 x 43 cm (17 x 17") integrated digital flat detector with Cesium Iodide (CsI) technology
- Active detector area 42.0 x 42.5 cm (16.5 x 16.7")
- Resolution 8.2 megapixel (2840 x 2874 pixels)
- Pixel pitch 0.148 mm
- Pixel depth 16 bits
- Image resolution: up to 3.4 line pairs per mm

Comprising

- Digital BuckyDiagnost VS vertical stand
- Digital flat detector 43 x 43 cm (17 x 17")
- Default oscillating grid 40/8/140: 40 lines/cm (100 lines/inch), ratio 8, focus 140 cm (56"). A different default grid can be chosen in order questionnaire. Additional grids are available in accessories.
- Software licenses
- Documentation

3   **NRDN302   Three-phase 80 kW X-ray   1
**   generator**
Generator featuring modern architecture based on a modular design using high performance components to enable a customer specific solution.

Main benefits at a glance

- Modern architecture based on a modular design using high performance components
- Tube overload protection
- Automatic mains voltage compensation
- Automatic Exposure Control (AEC)
- Fully compatible with VarioFocus (optional)
- Small footprint

The tube overload protection monitors temperature conditions in order to protect tube and housing parts from being damaged or destroyed by overstress. The automatic exposure control sets the exposure time according to exposure voltage and object characteristics in order to automatically obtain the correct exposure.

Specifications

- Computer controlled converter X-ray generator
- Converter generator generates high voltage equivalent to DC voltage
- Nominal power (IEC): 80 kW
- Power: 80 kW
- Three phases, 400 - 480 VAC, 50/60 Hz
- Low or dual speed rotor control, depending on tube
- Max voltage: 150 kV
- Max current (at 80 kV): 1000 mA
- mAs product: 0.5 to 850 mAs

- Exposure time: 1 ms to 4 s
- Maximum mains resistance at 400V: 0.2 Ohm
- Maximum mains current at 400V: 160 A

Comprising

- Generator 80 kW in cabinet

Compatible with

- DigitalDiagnost 3.1 and above
- VarioFocus option
- Philips tube SRO 33100

4   ****NRDN115**   **Comfort Move system motorization**   **1**

With Philips Comfort Move relevant parts of the system geometry are motorized to support a fast, smooth and automated workflow within the daily routine in the X-ray room. Built-in safety measures include collision detection, force limitation, break management and dead-man control to position the system safely with the patient in the room. Collimation and collimation- light are set automatically to further release the user from making manual adjustments for routine procedure steps. Automatic Image Stitching exams (optional) with the fixed detector as well as with the large SkyPlate can be fully performed automatically with the vertical stand or on the table, including precise tube rotation and linear detector movements.

For systems with X-ray table
The motorization of the X-ray table allows for easy table height adjustments to accommodate the requested working height. This capability removes the need for physical involvement from the user or the patient. With a single click, tube and detector can be linked to keep the source- image-distance (SID) constant while adjusting the proper working height of the X-ray table (tube tracking).

For systems with the VS vertical stand
The motorization of the vertical stand makes it easy to set the appropriate detector height according to the height of the patient. This capability offers additional workflow enhancements on the system by enabling the upright Bucky unit to be automatically placed in different pre-defined positions. With a single click, tube and detector can be linked to keep the tube centered to the detector while setting the correct height of the detector (tube tracking). For specific examinations, the tube can automatically be positioned off-center to align the X-ray beam with the upper or lower border of the detector.

For systems with the movable vertical stand VM
The movable vertical stand VM can be tilted with motor assistance for fast placement in the upright position as well as the horizontal (below the table) position. The motorization of the VM column brings further workflow enhancements to the system by enabling automatic horizontal movements of the vertical stand.
It provides an extended move-to-position function, which enables the detector to automatically move from the chest position to the under the table position. This capability is especially advantageous for immobile patients (for trauma, elderly or bigger patients) because the detector can be placed virtually all around the patient instead of moving the patient to the detector. With a single click, tube and detector can be linked to keep the tube centered to the detector while setting the correct height of the detector (tube tracking). For specific examinations, the tube can automatically be positioned off-center to align the X-ray beam with the upper or lower border of the detector.

Line #	Part #	Description	Qty	Each	Price

Main benefits at a glance

- Motorized height adjustable table
- Automatic detector movement into pre-defined positions with vertical stand (move-to-position)
- Manual and motorized vertical movement and detector tilting of the vertical stand VM
- Motorized height adjustable VS vertical stand adjusts from 30 to 180 cm (11.8" to 5' 11")
- Motorized height adjustable VM movable vertical stand adjusts from 35 to 185 cm (13.8" to 6' 08")
- Motorized movement of the VM column
- Convenient user interfaces are located on both the left and right sides of the Bucky unit, for quick and easy adjustment of movements
- Two different speeds, plus manual operation for precise positioning of the VS stand
- Fast pre-positioning of the detector of the vertical stand (move-to-position)
- Automatic tube height adjustment in vertical direction (Tube Tracking)
- Automatic tube and detector alignment/centering
- Automatic tube positioning for upper, centered or lower detector alignment at vertical stand
- Auto-collimation of the tube, depending on the selected examination
- Automatic tube rotation around the horizontal axis +/- 125 °

Comprising

- Motorization of the X-ray table TH or TH-S
- Motorization of detector tray in the table
- Motorization of vertical stand VS or VM
- Motorization of the column of the ceiling suspension, incl. tube alpha rotation
- Software license and documentation

5	**NRDN092	**Philips dual-focal high power SRO 33100 X-ray tube**	1		

This Philips dual-focal rotating anode high power X-ray tube can be used for all general radiography applications. It is particularly adapted for examinations requiring high power. The anode target angle allows a 43 x 43 cm (17 x 17") X-ray field at minimum source-image distance of 100 cm (39.4").

Main benefits at a glance

- All radiography applications including bariatric
- High load capacity
- Fast speed-up (1 second)
- Fully compatible with Philips VarioFocus option
- Superimposed dual focal spots
- Fast rotating anode (up to 10,800 revolutions per minute)
- Housing with 90° horn angle position with free air convection cooling

To increase continuous power and minimize downtime for more demanding applications, the tube assembly can be equipped with an additional blower.

Line #	Part #	Description	Qty	Each	Price

Specifications

- Two focal spots: 0.6 and 1.2
- Maximum power: 33 kW with focal spot 0.6, 100 kW with focal spot 1.2
- Anode angle: 13°
- Maximum tube voltage: 150 kV
- Anode heat storage capacity: 220 kJ (300 kHU)
- Assembly heat capacity: 1,247 kJ (1,700 kHU)
- Minimum anode speed: between 8,000 and 10,000 revolutions per minute
- Build in filter 2 mm Al (5/64")
- Total filtration minimum: 2.6 mm Al (105/1024")
- Double tube overload protection
- Total weight: 23 kg

Comprising

- Philips X- ray tube SRO 33100
- X-ray housing ROT 360 or ROT 380 (with CSM cnfiguration)
- Standard clamp fitting
- Two thermal safety switches (tube housing temperature)

6   ****NRDN215   SkyPlate Infrastructure Kit   1**

The SkyPlate Infrastructure Kit is comprised of a wireless access point, a battery charger and a back-up cable.

Main benefits

- All-in-one kit to set the customer up with the necessary parts for working with the Skyplate
- State-of-the art components

The access point enables the wireless transmission of clinical images from the SkyPlate to the access point. The access point is hard wired to the radiography system and images are sent from there to the Eleva work station for review, editing and further distribution. The battery charger is designed to charge up to three batteries simultaneously. The back- up cable enables the transmission of clinical images in the case that there is no wireless transmission between the SkyPlate and the wireless access point possible.

Specifications

- Wi-Fi access point
  - according to regional requirements for Wi-Fi transmissions

- SkyPlate battery charger
  - It offers a 4 bar charge status color indication per battery: 0-25%, 25-50%, 50-75%, 75-100%.
  - IP41 compliant (IEC60529).
  - Dimensions 172 x 322 x 48 mm

- SkyPlate back- up cable

Compatible with

- SkyPlate large 35 x 43 cm (14 x 17")
- SkyPlate small 24 x 30cm (10 x 12")

**7   **NRDN209   SkyPlate Large (35 x 43 cm, 14   1
                                      x 17 inch)**

Philips SkyPlate is the next generation of wireless portable detectors. It is an integrated part of the Eleva platform and defines a new dimension of flexibility and freedom within the radiography room.

Main benefits at a glance

- DR speed and excellent image quality with the positioning flexibility of CR
- ISO compliant cassette size format (35 x 43 cm, 14 x 17 inch) to fit into standard operating room tables
- Reduced patient infection risk and easy handling thanks to the detector's cable-free design
- Easy handling for free exposures
- Flexible positioning for lateral or oblique projections
- Instant image display
- State-of-the-art CsI detector technology and UNIQUE image processing for optimal image quality at the lowest dose
- Robust shell of the detector to protect it from water drops and dust
- Easy, precise and safe positioning around the patient, even for difficult projections, provided by a rich set of dedicated accessories
- SkyPlate sharing license, to use the wireless detector on another compatible Philips X-ray system

The SkyPlate large covers all relevant anatomy with its large detector area of 35 x 43 cm (14 x 17 inch). Depending on anatomy, it can be positioned in different orientations and offers full diagnostic information even with large patients. Combined with Philips advanced UNIQUE image processing, grid-line removal algorithm and state-of-the-art Cesium Iodide (CsI) technology, it has an excellent detective quantum efficiency (DQE) and helps to reduce the required patient dose. It provides instant image display with superb image quality on the Eleva workspot for increased diagnostic confidence.

Thanks to its cable-free design, the SkyPlate allows quick and efficient procedures with high hygienic standards. Its robust design and a rich set of optional dedicated accessories (mobile holder, bed holder, attachable grids and hygienic bags) offer easy, safe and quick positioning throughout the hospital. Special projections like laterals can easily be performed without moving the patient. Its slim design is optimized for critical environments and minimizes the risk of interfering with life supporting equipment, cables, tubes and catheters.

The detector features advanced low-power WiFi connection technology and is designed according to IEC 60601-1-2. It is compliant with life supporting devices designed according to IEC 60601-1-2 and with pacemakers designed according to IEC (EN) 45502-2-1 when keeping indicated distances. The SkyPlate battery can be removed and recharged in the battery charging station. Once a battery is empty, a new one can be inserted to immediately continue working with the SkyPlate.

SkyPlate sharing allows taking the SkyPlate from the system and using it with other compatible

Philips MobileDiagnost wDR, DigitalDiagnost or ProGrade systems. Thereby, SkyPlates can be used efficiently wherever needed and help driving down investment costs. Compatible systems need to carry the SkyPlate Sharing license to participate in SkyPlate sharing.

Specifications

- Size: 35 x 43 cm (14 x 17 inch) SkyPlate large wireless digital flat detector with Cesium Iodide (CsI) technology,active detector area 34.48 x 42.12 cm (13.6 x 16.6 inch) (2330 x 2846 pixels), pixel pitch 0.148 mm
- Image resolution: up to 3.38 line pairs per mm
- Maximum patient weight: 100 kg (220 lbs) for weight-bearing examinations
- WLAN network standard: IEEE802.11 a, b, g or n (configurable)
- Encryption: default WPA2
- Optional attachable grids
  - Portrait orientation: 44/8/130: 44 lines/cm (112 lines/inch), ratio 8, focus 130 cm (51 inch)
  - Landscape orientation: 40/8/130: 40 lines/cm (100 lines/inch), ratio 8, focus 130 cm (51 inch)

Comprising

- SkyPlate large 35 x 43 cm (14 x 17 inch)
- Two exchangeable batteries
- Set of 100 hygienic bags
- Software licenses
- SkyPlate sharing license
- Documentation

Compatible with

- DigitalDiagnost Release 4.x, MobileDiagnost wDR Release 2.x, ProGrade 1.x
- Attachable grids for SkyPlate 35 x 43 cm (14 x 17 inch) in portrait and landscape orientation

8   ****NRDN175   Motor. Tilting f. VS   1**

Prerequisite: BuckyDiagnost VS (advanced package)
Bucky unit motorized tilt able from - 20° via vertical (0°) position
to horizontal (+90°) position.
"Move to position" function: motorized movements of image receptor (dead man)
or automatically (move to next position -20° / 0° / +90°).
Bucky unit vertical: movement range 30 cm - 180 cm (centre of cassette above floor)
Bucky unit horizontal: movement range 55 cm - 205 cm (front plate above floor)
User interface on both sides of image receptor housing for motorized movements, collimation and
5- field measuring chamber.

Line #	Part #	Description	Qty	Each	Price

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Compatible with:

- Motorized vertically movement for BuckyDiagnost VS (advanced package)
- Spacer for BuckyDiagnost VS (advanced package)
- BABIX holder for VS
- Stretch grip for BuckyDiagnost VS (advanced package)

**9   **NRDN182   LCD display for VS or VM   1
                                    vertical stand**

LCD information display fixed on the side of the vertical stand column, showing patient and examination data.

This convenient display simplifies workflow, permits closer contact to the patient and avoids errors, which is particularly important for a high patient throughput. All vital parameters are directly displayed while positioning the patient. This allows the patient to be addressed personally and enables the technologist to check parameters without frequently walking over to the Eleva acquisition workspot.
An adjustable attachment is used to orientate the display to the best convenience.

For privacy reasons, patient information is automatically removed from the display after the first exposure.

Specifications

- Type: 16.5cm (6.5") adjustable LCD information display
- Data displayed: patient first and last name, date of birth, ID/Accession number, examination name, grid inserted yes/no
- Compatible with VS and VM vertical stands

Comprising

- LCD information display
- Attachment sets for VS and VM vertical stands

10   **NRDN178   Spacer VS   1

Spacer for BuckyDiagnost VS

Distance piece between column and Bucky unit / tilting unit; helpful for exposures in seated position.

Compatible with:

- BuckyDiagnost VS

**11   **NRDN191   Automatic optimal image   1
                                    resolution**

Philips unique VarioFocus generator technology ensures optimal image resolution for all kind of examinations, by avoiding to compromise on which tube focus spot size to use, power load and exposure time.

Main benefits at a glance

- Optimal image quality through mixed focus spot adapted to each examination
- Optimal resolution at the needed power
- Minimum exposure time
- Minimum motion artifacts
- Minimum geometrical blur
- Fully automatic

By using both focus spots simultaneously to define a variable focus spot, Philips VarioFocus automatically balances the power on both focus spots in a defined ratio, ensuring optimal image resolution at any required power. In addition, tube filaments are preserved through power balancing on both focus spots and reduced power load on each of them, which may result in longer tube life.

Comprising

- Software license

Compatible with:

- Philips 50, 65, 80 kW generators
- Philips X-ray tubes RO1750, SRO0951, SRO2550, SRO33100

12	**NRDN199	Adapt. Transf. 415-480 V	1		

Comprising:

- three-phase transformer for mains supply voltage adaptation of 415/440/460/480 V to 400 Vand for 380/400 V for mains supply without
  N (neutral) to be built into the base of generator.

Compatible with:

- Generator OPTIMS 50, 1tube
- second tube connection
- extension to 65 kW
- extension to 80 kW

13	**NRDN220	Second laser for fixed source-image distance	1		

Adjusting quickly and precisely the correct source-image distance for a particular projection is crucial to achieve optimal image quality. That's why this second laser integrated into the ceiling suspension control handle is extremely valuable, providing a simple and visual feedback to the technologist if the source-image distance is correct, without needing to measure this distance manually.

The second laser complements the first one already integrated in the ceiling suspension control handle, making two parallel laser lines visible on the table. Adjusting the tube up & down changes the distance between these lines and the correct source-image distance is achieved when both lines are overlapping and only one line is visible.

Specifications

- Type: Laser beam, red color

Comprising

- Second laser beam integrated in the ceiling suspension control handle

14	**NDCC062	Package incl. Print, Image Export, WLM, MPPS,Media	1		

This package provides all DICOM communication features available with the Eleva platform:

- DICOM Worklist Management
- DICOM MPPS
- DICOM Image Export (including Storage Commitment)
- DICOM Print
- DICOM Media

For further details, please refer to the DICOM Conformance Statement.
Buying this feature once for a system will make the functionality available on all Eleva workspots that have been purchased for this system.

DICOM Worklist Management

Interface to Radiology Information System (RIS).
Worklist handling via a DICOM Basic Worklist Management (BWLM).

The DICOM connection allows the Eleva workspot to automatically load the acquisition modality's worklist from a RIS server. The worklist query can be performed broad (generic) or specific (patient oriented) and both interactively (on operator request) and automatically (in the background).

DICOM MPPS

DICOM Modality Performed Procedure Step (MPPS)
DICOM service for notifying the RIS server about start and end of performed procedure steps. The messages contain references to the originating worklist items (patient and procedure data), a list of exported DICOM images and post exposure data.

Line #	Part #	Description	Qty	Each	Price

MPPS requires that the DICOM Worklist Management feature is enabled.
Note: for Essenta DR, Essenta DR Compact and PCR Eleva systems, generator data will not be reported automatically.

DICOM Image Export

DICOM Storage and DICOM Storage Commitment
The DICOM Image Export feature provides the DICOM Storage service to send images to PACS, archive or any other DICOM destination in DICOM format.

The Eleva workspot supports DICOM Greyscale Display Standard. Calibration of Eleva workspot and the receiving DICOM node will result in consistently same high image quality. DICOM Image Export also includes the DICOM Storage Commitment service, allowing the Eleva workspot to be informed by storage destination if images have been securely stored. This trigger is used by the Eleva workspot to allow related images to be deleted locally.

DICOM Print

DICOM Print interface for manual and automatic printing.
DICOM Print allows for manual and automatic printing directly from the Eleva workspot. It enables the user to transfer images to a networked DICOM imager with the choice of different printing modes:

- Autoprint: automatic printing of images on predefined film layouts according to the examination
- Manual print: Manual image placement on predefined film layouts or image placement on free layout composing

Please note that only printing via DICOM protocol is possible.

DICOM Media

Write media in DICOM format.
This feature provides the possibility to write all Patient images, Studies and single images onto CDs or DVDs directly on the Eleva workspot.

The Eleva workspot will burn CDs or DVDs, which comply to the DICOM Media Interchange format.
Each CD or DVD will include a standalone Philips DICOM viewer.
Viewing the CD or DVD content will be possible on:

- Any workstation that supports the DICOM Media Interchange format
- Any standard PC with the help of the Philips DICOM viewer on the CD or DVD

Please note that viewing images from CD or DVD will not be possible on the Eleva workspot directly.

Comprising

- DICOM Worklist Management software license

- DICOM MPPS software license
- DICOM Image Export software license
- DICOM Print software license
- DICOM Media software license

Compatible with

- DigitalDiagnost 4.0 and above
- DuraDiagnost 2.0 and above
- MobileDiagnost wDR 2.0 and above
- ProGrade 1.0 and above

15	**NDCC472	Dose Reporting in DICOM Structured Report format	1		

This DICOM service allows exporting patient radiation dose details in the Structured Report DICOM standard format.

Main benefits at a glance

- Standard, modern and comprehensive format for exporting patient radiation exposure information
- Exports dose information on study (accumulated) and exposure levels
- Allows detailed exposure dose monitoring on the PACS or dedicated dose management system

Typically, one dose report is created at the end of each procedure step performed on the system. This dose report collects together all the irradiation events from the procedure step and cumulates all dose values for the procedure step as a whole.

By exporting patient radiation dose in a comprehensive, very detailed and standard format, DICOM Structured Report allows to perform precise dose monitoring and analysis on the PACS or with a dedicated dose management system. This assists institutions to ensure their policies, procedures and protocols are adequate and being followed appropriately in the department. Moreover, it can help determining how changes in techniques and protocols impact radiation dose as well as image quality, to maintain patient doses As Low As Reasonably Achievable (ALARA).

Comprising

- Software license

Compatible with

- DigitalDiagnost 3.1 and above
- MobileDiagnost wDR 1.1. and above (Dose Area Product Meter required)
- EasyDiagnost 5.0
- ProGrade Rel 1 and above

16	**NDCC221	Clinical Quality Control software	1		

This powerful image statistic tool provides the advanced user with functionality to analyze rejected images regarding operators and rejection reasons. It serves as well for monitoring and analyzing general parameters. The data files can be downloaded in standard format for further usage or archiving on a PC.

It perfectly supports the quality standards of the department and teaching situations.

Buying this feature once for a system will make the functionality available on all Eleva workspots that have been purchased for this system.

Note: for Essenta DR, Essenta DR Compact, EasyUpgrade DR and PCR Eleva systems, generator data will not be reported automatically.

Comprising

- Software license

Compatible with

- DigitalDiagnost 2.0 and above
- DigitalDiagost C50
- DuraDiagnost 1.0 and above
- Essenta DR 1.0 and above
- Essenta DR Compact 1.0 and above
- MobileDiagnost wDR
- EasyUpgrade DR 1.0 and above
- PCR Eleva 1.0 and above
- ProGrade Rel 1 and above

17   **NRDN402   Grid Portrait SkyPlate Large   1

Attachable, fixed grid in portrait orientation for SkyPlate large 35 x 43 cm (14 x 17").

Main benefits at a glance

- Easy to attach/detach to/from the SkyPlate, thanks to its click-on mechanism
- Convenient handle for safe and easy handling
- For examinations where the detector is used in portrait orientation
- Can be used with source-image distance from 96 to 203 cm (38 to 80 inch)
- Fiber interspaces and carbon fiber cover plates ensure higher contrast and lower required dose than conventional aluminium interspaces grids
- Combined with Philips advanced UNIQUE image processing and grid-line correction algorithm, it provides optimal image quality for increased diagnostic confidence

Specifications

- Fixed grid 44/8/130: 44 lines/cm (112 lines/inch), ratio 8, focus 130 cm (51 inch), for source-image distance from 96 to 203 cm (38 to 80 inch)
- Fiber interspaces and carbon fiber cover plates
- Interspaces in portrait orientation

- Dimensions: 46.8 x 47.6 x 2.5 cm (18.4 x 18.8 x 1 inch), including handle
- Weight: 1.9 kg (4.2 lbs)

Comprising

- Attachable, fixed grid

Compatible with

- SkyPlate large 35 x 43 cm (14 x 17")

18	**NRDN403	Grid Landscape SkyPlate Large	1		

Attachable, fixed grid in landscape orientation for SkyPlate large 43 x 35 cm (17 x 14").

Main benefits at a glance

- Easy to attach/detach to/from the SkyPlate, thanks to its click-on mechanism
- Convenient handle for safe and easy handling
- For examinations where SkyPlate is used in landscape orientation
- Can be used with source-image distance from 100 to 185 cm (39 to 73 inch)
- Fiber interspaces and carbon fiber cover plates ensure higher contrast and lower required dose than conventional aluminium interspaces grids
- Combined with Philips advanced UNIQUE image processing and grid-line correction algorithm, it provides optimal image quality for increased diagnostic confidence

Specifications

- Fixed grid 40/8/130: 40 lines/cm (100 lines/inch), ratio 8, focus 130 cm (51 inch), for source-image distance from 100 to 185 cm (39 to 73 inch)
- Fiber interspaces and carbon fiber cover plates
- Interspaces in landscape orientation
- Dimensions: 46.8 x 47.6 x 2.5 cm (18.4 x 18.8 x 1 inch), including handle
- Weight: 1.9 kg (4.2 lbs)

Comprising

- Attachable, fixed grid

Compatible with

- SkyPlate large 35 x 43 cm (14 x 17")

19	**NRDN405	Protector Large Cassette Size Detector	1		

The SkyPlate protector has been designed to be placed over the SkyPlate detector on the floor when performing an antero-posterior view during a weight bearing feet examination, allowing to exam patients up to 220 kg (485 lbs).

Main benefits at a glance

- Allows performing of weight bearing feet examinations with patients up to 220 kg (485 lbs)
- Easy positioning over the wireless portable detector on the floor
- Convenient handle for positioning and carrying
- Slim and stable design for secure patient examination
- Also compatible with 35 x 43 cm (14 x 17") CR cassettes

Specifications

- Attenuation equivalent: less than 1.1 mm (0.04") Al at 100 kV
- Maximum patient weight: 220 kg (485 lbs)
- Dimensions: 51 x 43 x 5 cm (20.1 x 19.9 x 2 inch)
- Weight: 2.9 kg (6.4 lbs)

Comprising

- SkyPlate protector

Compatible with

- SkyPlate large 35 x 43 cm (14 x 17") and CR cassettes 35 x 43 cm (14 x 17")

20   ****NRDN407**   **Wireless Detect. Mobile Holder**   **1**

The wireless detector mobile holder is designed to take full advantage of the wireless portable detector to perform free exposures in optimal conditions.

Main benefits at a glance

- Mounted on wheels for easy moving and positioning in the room
- Holds the wireless portable detector in a safe and precise position
- Very easy to put the detector in and to take it out
- High detector positioning flexibility
- Can hold the wireless portable detector with or without a grid on it
- Brakes on the wheels for fixed and safe positioning
- Also compatible with 35 x 43 cm (14 x 17") CR cassettes

The mobile holder provides outstanding positioning flexibility for the wireless portable detector. Mounted on wheels, it is easily positioned in the room and all around the patient. With or without a grid on it, the wireless portable detector can be held in various positions depending on projection requirements. The positioning is achieved quickly and easily, thanks to very intuitive use and self-locking joins. Featuring a height adjustable arm with swivel, the detector is safely held and can be lifted, tilted, swiveled or rotated to the best convenience.

Specifications

Line #	Part #	Description	Qty	Each	Price

- Dimensions: length 68 cm (26.8"), width 67 cm (26.4"), height 150.7 cm (59.3")
- Vertical movement range of holder arm: 68 to 128 cm (26.8 to 50.4"), center of large portable detector
- Weight: 53.2 kg (117 lbs)

Comprising

- Mobile detector holder

Compatible with

- Wireless portable detector 35 x 43 cm (14 x 17") and CR cassettes 35 x 43 cm (14 x 17")

21   ****NRDN409**   **Handle Large Cassette Size Detector**   **1**

Attachable frame with handle for SkyPlate large 35 x 43 cm (14 x 17").

Main benefits at a glance

- Easy to attach/detach to/from the SkyPlate, thanks to its click-on mechanism
- Convenient handle for safe and easy handling

Specifications

- Dimensions: 46.8 x 47.6 x 2.5 cm (18.4 x 18.8 x 1 inch), including handle
- Weight: 1 kg (2.2 lbs)

Comprising

- Attachable frame with handle

Compatible with

- SkyPlate large 35 x 43 cm (14 x 17")

22   ****989001084241**   **Stretch grip f. wall stands**   **1**

To keep the patient's arm overhead or beside the Bucky unit
during exposure.
To be insert at the Bucky unit at right or left side.

Comprising:

- Arm rest, U- shaped for different grip height, tiltable from –90° to +90° for height and side position

- wall holder for parking

Compatible with:

- BuckyDiagnost VS (advanced package)
- BuckyDiagnost VS with digital detector and DigitalDiagnost VM

23	**989801299769	XD9921 DigitalDiagnost R4.1 eLearn	1		

Course Number: XD9921
System Codes: 712031 DigitalDiagnost
712032 DigitalDiagnost
712033 DigitalDiagnost
Course Title: DigitalDiagnost R4.1 incl CSM
Course Length: 6h
Delivery Method(s): E-Learning
Modality: DXR
Location: @home
Target Audience: FSE, Dealers and Agents

DESCRIPTION:
This course provides the engineer with sufficient information and a structured insight in the DigitalDiagnost R4.1 incl CSM to service DigitalDiagnost system. The course includes release 4 components and the motorized ceiling suspension (CSM)

PREREQUISITES:
- XD3007 or XD3002 Xray basics part 2 or Xray experience
- FC9006 Connectivity or CS9020 Basic networking
- FC9008 DICOM or CS9027 Basic DICOM
- XD9048 DigitalDiagnost rel. 2.1 with wireless portable detector OR XD9081 wireless portable detector
- XD9056 Eleva Platform basics
- XD9920 DigitalDiagnost rel 4.0
- XD9933 SkyPlate detector family

COURSE OBJECTIVES:
After attending this course, the engineer will have knowledge of:
- Technical application aspects (hardware and workstation software)
- Configurations and product structure
- Connectivity aspects
- Performance requirements
- Safety aspects
- Faultfinding
The engineer will learn how to:
- Operate the system
- Handle test software
- Configure the system
- Calibrate the system
- Check performance
- Perform CM at PCB / Unit level

 * PHILIPS PROPRIETARY MATERIALS SUCH AS DIAGNOSTIC SOFTWARE AND SERVICE DOCUMENTATION ARE NOT INCLUDED IN THE TRAINING AND WILL NOT BE AVAILABLE

FOR USE OUTSIDE OF THE TRAINING ENVIRONMENT. THE TRAINEE MUST RETURN ALL PROPRIETARY MATERIALS RECEIVED DURING THE TRAINING AT THE END OF THE TRAINING. CUSTOMER ACKNOWLEDGES AND AGREES THAT NEITHER CUSTOMER NOR TRAINEE WILL RECEIVE A LICENSE TO SUCH PROPRIETARY MATERIALS AND THAT THE TRAINEE MAY NOT BE ABLE TO FULLY UTILIZE THE TRAINING WITHOUT THE USE OF SUCH PROPRIETARY MATERIALS. (CERTAIN LICENSES MAY BE OBTAINED TROUGH PURCHASE OF RIGHTFIT AGREEMENT.)

Course dates and location to be finalized by Philips. Philips shall attempt to accommodate Customer requested dates and training location. The price quoted includes course tuition. Travel and living expenses are not included, but may be purchased separately through Philips.

IMPORTANT Notes Regarding Admission to Philips Customer Engineer Training Courses:

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

Line #	Part #	Description	Qty	Each	Price
24	**989801299760	XD9920 DigitalDiagnost release 4	1		

Course Number: XD9920

System Codes:
712027 DigitalDiagnost

712028 DigitalDiagnost

712029 DigitalDiagnost

Course Title: DigitalDiagnost rel 4.0

Course Length: 1 hours

Delivery Method(s): eLearning

Modality: DXR

Location: @ home

Target Audience: Field Service Engineers,

DESCRIPTION:
This course describes the properties of thePhilips ProGrade digital radiography solution

The e-learning contains a downloadable PDF document that must be studied, and in order to get certified for this course, the student must pass the online exam.

In this course, the ProGrade configurations and new components are explained, including an overview of the Skyplate detector family

• SkyPlate cassette sized wireless detector (35 x 43 cm, 14 x 17 inch)
• SkyPlate cassette sized wireless detector (24 x 30 cm, 10 x 12 inch)
• Installation Access point
• Introduction BU2 Skyplate
• Setting to work
• New Service Infrastructure

PREREQUISITES:
XD9933 Skyplate detector Family AND one of the following course combinations:

• XD3605 DigitalDiagnost rel 2/3, OR
• XD3689 DigitalDiagnost R2 and R3 + XD9079 M cabinet CXA + XD9993 upgrade to rel 3.1, OR
• XD8105 DigitalDiagnost update to R2 and R3+ XD9993 upgrade to rel 3.1, OR
• XD9058 Update to DigitalDiagnost to R3 + XD9079 M cabinet CXA+ XD9993 upgrade to rel 3.1, OR
• XD9059 DigitalDiagnost update to R3+ XD9993 upgrade to rel 3.1

•
COURSE OBJECTIVES:
After studying this course, the student is able to:

• The additional components of the DigitalDiagnost rel 4.0
• The main characteristics Skyplate detector family and its LED status
• The installation and cabling procedure
• The configuration of the access point
• The configuration and calibration of the new detector
• The simplified workflow

* PHILIPS PROPRIETARY MATERIALS SUCH AS DIAGNOSTIC SOFTWARE AND SERVICE DOCUMENTATION ARE NOT INCLUDED IN THE TRAINING AND WILL NOT BE AVAILABLE FOR USE OUTSIDE OF THE TRAINING ENVIRONMENT. THE TRAINEE MUST RETURN ALL PROPRIETARY MATERIALS RECEIVED DURING THE TRAINING AT THE END OF THE TRAINING. CUSTOMER ACKNOWLEDGES AND AGREES THAT NEITHER CUSTOMER NOR TRAINEE WILL RECEIVE A LICENSE TO SUCH PROPRIETARY MATERIALS AND THAT THE TRAINEE MAY NOT BE ABLE TO FULLY UTILIZE THE TRAINING WITHOUT THE USE OF SUCH PROPRIETARY MATERIALS. (CERTAIN LICENSES MAY BE OBTAINED THROUGH PURCHASE OF A PHILIPS RIGHTFIT SERVICE AGREEMENT.) Course dates and location to be finalized by Philips. Philips shall attempt to accommodate Customer requested dates and training location. The price quoted includes course tuition. Travel and living expenses are not included, but may be purchased separately through Philips.

IMPORTANT Notes Regarding Admission to Philips Customer Engineer Training Courses:

101698 DigitalDiagnost 4.1 Chest / Emergency				
Line # Part #	**Description**	**Qty**	**Each**	**Price**

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

25   **989801299754   XD9933 Skyplate Family   1

This course is available on the Philips Learning Center (PLC) website athttp://theonlinelearningcenter.com

All of the Academy e-learning courses are located on this site in the Course Catalog under the Academy folder and Modality sub-folder.

Course Number: XD9933

System Codes: NA

Course Title: SkyPlate detector family

Course Length: 3 hours

Delivery Method(s): CBT

Modality: DXR

Location: @ Home

Target Audience: Service Engineers

DESCRIPTION:

The customer service engineer is trained to a technical and application level which will enable him to install, perform setting to work and operate the wireless SkyPlate detectors.

101698 DigitalDiagnost 4.1 Chest / Emergency

Because the SkyPlate detectors are used with several DXR systems, this training is system independent.

PREREQUISITES:

XD3007 X-ray systems basic part II

XD9056 Eleva platform Basics

COURSE OBJECTIVES:

After attending this course, the learner will have knowledge of:

Which system will use the SkyPlate family detector(s)

The function of the main parts of the SkyPlate family detector(s)

The system architecture of the SkyPlate family detector(s)

Describe the main steps that need to be performed during installation and setting to work
How to operate the SkyPlate detectors
Name and describe the faultfinding tools available for the SkyPlate detectors

101698 DigitalDiagnost 4.1 Chest / Emergency

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

| 26 | SP019 | **Trade in Allowance** | 1 | | |

Customer represents and warrants that (i) Customer has, and shall have when title passes, good and marketable title to the equipment being traded in and (ii) has the authority to effect such trade in.
Product: 712062.000 DigitalDiagnost, Single-Detect
Serial Number: 41443766
Manufacturer: PHILIPS HEALTHCARE

Trade-In authorization number: 41908

De-install Date: Not later than 180 days after receipt of Order

Customer will be trading-in equipment that is described on the attached System Disclosure Form (the "Trade-In"), which Trade-In the parties agree (i) will be removed on the De-install Date and (ii) is currently in the condition as represented on the System Disclosure Form. In addition, the parties agree as follows:

1. Customer represents and warrants that Customer has good and marketable title to the Trade-In as of the date of this Quotation and will have good and marketable title when Philips removes the Trade-In from Customer's site (the "Removal Date");

2. Title to the Trade-In shall pass from Customer to Philips on the Removal Date, unless otherwise agreed by Philips and the Customer;

3. Notwithstanding anything to the contrary in any Business Associate Addendum, Customer represents and warrants that as of the Removal Date all Protected Health Information will have been de-identified or removed from the Trade-In;

4. Philips may test and inspect the Trade-In prior to de-installation. If the condition of the Trade-In is not substantially the same on the Removal Date (ordinary wear and tear excepted) as it is identified on the System Disclosure Form, then Philips may reduce the price quoted for the Trade-In;

5. If the removal date is delayed until after the De-Install Date, unless Philips causes the delay, then may reduce the price quoted for the Trade-In by six percent (6%) per month.

6. is responsible for normal de-installation costs of the Trade-In.

7. The trade-in value will not include costs associated for any facility modifications and/or rigging required for de-installation and must be accounted for separately.

8. Customer is responsible for all plumbing necessary to properly drain coolant from chiller system and cap the lines.

9. Prior to the Removal Date, Customer shall remove from the room all equipment that is not being de-installed.