

642-B70005 NM SPEC PHILADELPHIA, PA.

Ln	Spectrum-Dynamics P/N Description	List Price	Quantity	Subtotal (USD)	Disc %	Total Price (USD)
1	8010018-01 D-SPECT® CARDIAC SCANNER, 110V See below for Description		1			
2	9000018-01 D-SPECT ADDITIONAL PROCESSING STATION, 110V See below for Description		1			
3	8010081-01 S/W CEDARS QPS+QGS See below for Description		2			
4	8010082-01 S/W CEDARS QBS See below for Description		2			
5	8010066-01 S/W 4DM SPECT (Integrated) See below for Description		1			
6	8010087-01 Dynamic SPECT See below for Description		1			
7	8010112-01 S/W 4DM SPECT + CFR (Integrated) See below for Description		1			
8	8010010-01 S/W, SDI, UNLIMITED PROCEDURES See below for Description		1			
9	8010109-01 S/W Cedars Fusion/CT See below for Description		1			
10	8010122-01 Syringe Infusion Pump Package See below for Description		1			
	8010110-01		1			

11	Ivy Roll Stand w/5" plunger plate See below for Description					
12	9030095-01 JASZCZAK PHANTOM AND HOLDER See below for Description		1			

Description for Ln 1. D-SPECT® CARDIAC SCANNER, 110V

D-SPECT® Cardiac Scanner

The D-SPECT Camera is a dedicated nuclear cardiology solid state gamma camera for fast imaging, with superior performance in sensitivity and resolution

1. Imaging Room Module:

a) 9 independently controlled CZT based solid state detectors

- Tungsten collimators
- Gated SPECT acquisitions can be completed in as fast as 2 minutes
- Small, compact system
- Upright and supine imaging
- Built in diagnostic tools
- D-SPECT calibration QC accessory kit

b) D-SPECT Acquisition Station

- Windows 7 Professional with i7 processor and 8GB ram
- D-SPECT acquisition applications software
- Automated protocol setup using SmartR (RFID based) technology
- Local data HD dedicated for Windows (500 GB HDD)
- Local data HD dedicated for D-Spect acquired patients (500 GB HDD)
- 19" LCD Monitor with 1280 x 1024 resolution
- CD/DVD RW
- Acquisition QC tools
- Patient database
- Daily QC application software
- c) IVY Biomedical Model 3000 Cardiac Trigger Monitor**Spectrum reserves the right to substitute an equivalent make and model, if the 3000 is unavailable.
- d) POWERVAR Uninterruptible Power Manager Model # ABCE1440-11IEC kva rating at 1.44kva

2. Processing module:

a) D-SPECT Processing Station

- Windows 7 Professional with i7 processor and 8GB ram
- D-SPECT processing software
- D-SPECT proprietary reconstruction software
- Local data HD dedicated for Windows 7 (500 GB HDD)
- Local data HD dedicated for D-Spect processing station (500 GB HDD)
- 24" LCD Monitor with 1900 x 1200 resolution
- Easy-to-use GUI (graphical user interface)
- CD/DVD RW

3. R-SCAN Module:

This configuration includes an unlimited number of sequential gated and non-gated spect procedures. This excludes Dynamic SPECT & SDI procedures.

The RScan system includes:

- RScan laptop
- RScan application software package

4. Includes 3 days of on site applications training that must be used in a consecutive day format. It is highly recommended to dedicate 1 or 2 technologists during the entire training.

**** Note: Specifications are subject to change without notice.**

****Quantitative Software is NOT included****

Description for Ln 2. D-SPECT ADDITIONAL PROCESSING STATION, 110V

- Windows 7 Professional with 4th Gen Intel® Core™ I7-4770 Processor with 8GB RAM
- D-SPECT Processing software
- D-SPECT Viewing software
- Local data HD dedicated for Windows 7(500 GB HDD)
- Local data HD dedicated for D-Spect processing station (500 GB HDD)
- 24" LCD Monitor with 1920 x 1200 resolution
- Easy-to-use GUI (graphical user interface)
- Patient DICOM CD application

Note: Specifications are subject to change without notice

****Quantitative Software is NOT included****

Description for Ln 3. S/W CEDARS QPS+QGS

This application includes QGS, QPS, Plus pack & Companion to provides cardiac function and perfusion quantitation using gated and ungated MPI datasets: ED and ES volumes, ejection fraction, and perfusion measures such as SSS/SRS/SDS and TPD. The image data can be viewed in a variety of modes, from selected slices in a 2D view to a rendered 3D surface of the myocardium with parametric maps (perfusion, motion, thickening and regional EF).

Description for Ln 4. S/W CEDARS QBS

An interactive standalone application for the automatic segmentation and quantification of gated short axis blood pool (red blood cells, RBC), SPECT.

Description for Ln 5. S/W 4DM SPECT (Integrated)

4DM Integrated SPECT package provides advanced cardiovascular quantification and image displays.

4DM SPECT quantifies, displays and provides reporting for SPECT myocardial perfusion and function and SPECT blood pool studies in a single, configurable application.

- Perfusion, function, metabolism and reporting in a single application
- Verify integrity of tomographic (raw) datasets
- Compare tracer perfusion of stress to rest
- Quantitative assessment of regional perfusion extent and severity
- Assess and display systolic and diastolic function for ECG studies
- Generate and view DICOM static and multi-frame secondary screen captures
- 3 orthogonal plane viewer for tomographic images

A one year Maintenance Agreement, which includes free upgrades, is included.

Excludes training from Invia

Description for Ln 6. Dynamic SPECT

This software package provides the capability to acquire and process a Gated SPECT in Dynamic mode using proprietary dynamic list mode acquisition software.

The acquired information can be displayed in traditional formats, as well as three-dimensional renderings, and various forms of animated sequences, showing kinetic attributes of the heart. Quantitative processing is performed using INVIA Corridor 4DM SPECT with CFR software.

This includes:

- Software upgrade to Dynamic SPECT (acquisition and reconstruction)
- INVIA Corridor 4DM SPECT with CFR processing software (single license)
- Customized syringe carrier box
- 2 days of onsite applications training

* Dynamic SPECT is only available for use on the D-SPECT 9 detector system

** If running Windows XP software, you must upgrade to Windows 7 prior to using Dynamic SPECT. This will incur additional charges.

*** Does not include Injector System

**** Requires the ability for remote connectivity with Spectrum Dynamics Medical

Description for Ln 7. S/W 4DM SPECT + CFR (Integrated)

4DM SPECT enables quantification, display, and reporting of SPECT myocardial perfusion, function and SPECT gated blood pool studies in a single, configurable application.

The SPECT + CFR license enables quantification, review, and reporting for absolute myocardial blood flow and coronary flow reserve (CFR) datasets acquired from the Spectrum Dynamics DSPECT cameras.

Features Include:

- Perfusion, function, and reporting in a single application
- Verify integrity of tomographic (raw) datasets
- Compare tracer perfusion of stress to rest
- Quantitative regional perfusion extent and severity
- Display systolic and diastolic function for ECG studies
- Generate and view DICOM screen captures
- 3 orthogonal plane viewer for tomographic images
- Fully-Automated CFR quantification

- Global and regional absolute blood flow results
- QA tools to track LV/RV uptake and territory distributions
- Manually motion correct dynamic frames
- Configurable Time Activity Curve (TAC) displays
- Interactive Polar Maps

Description for Ln 8. S/W, SDI, UNLIMITED PROCEDURES

Allows unlimited Simultaneous Dual Isotope procedures

Description for Ln 9. S/W Cedars Fusion/CT

This option adds features related to coronary CT angiography (CTA) and multi-modality registration. Features include: 3D display of coronary tree extracted by a variety of software packages, Automated registration of coronary trees and fused image display to assess or correct image registration (for CTA and attenuation CT data).

CSI must be installed in order to run this option.

Description for Ln 10. Syringe Infusion Pump Package

- Syringe Infusion Pump
- Includes supplies to perform 25 Stress/Rest Procedures
 - 100 60" Coiled Connector Tube with check valve
 - 50 Standard Bore T-Port Extension set Ultrasite valve, side clamp
 - 50 140 mL Luer Lock Tip Syringes

Description for Ln 11. Ivy Roll Stand w/5" plunger plate

Roll stand for IVY 3000 series gating device

Description for Ln 12. JASZCZAK PHANTOM AND HOLDER

Jaszczak Phantom and plate holder designed for the D-SPECT cameras.