

V.A. Medical Center
CHIEF, A&MMS (90D)
UNIV & WOODLAND
PHILADELPHIA, PA 19104

642-B50010

Digirad ergo™ Imaging System

The ergo solid-state large-field-of-view (LFOV) general-purpose nuclear medicine imaging system is a compact, lightweight, portable, single-head gamma camera that is designed to offer maximum clinical versatility, convenience, and flexibility to perform nuclear medicine studies (planar, gated and dynamic) within a hospital (general NM department, ICU, CCU, ER, OR, pediatrics, trauma units, patient floors, ambulatory services, women's health, or in the research lab), imaging centers or outpatient services.

The heart of the ergo is its' 12.25" X 15.5" field-of-view next generation solid-state detector technology that delivers unsurpassed performance specifications of 3.25 mm intrinsic spatial resolution, 7.9% energy resolution and 5 Mcps count rate capabilities to offer a level of clinical quality, that is truly, second to none. A new standard of clinical flexibility is achieved with the ergo's innovative ergonomic patient-friendly open design, a portable base and multiple compound detector motions that provide virtually an unlimited range of exciting new imaging possibilities for a wide variety of procedures. A new level of care is achieved as a result of the lightweight portable solid-state design that makes it possible to provide nuclear imaging services, both within and outside of the nuclear medicine department.

Distinguishing features include:

- Large-field (12.25" X 15.5") Solid-State Detector
- Compact and Lightweight Gantry Design
- Portable-no motor, will pass through 30 inch Wide Door
- Energy Range – 60-300 keV
- Virtual Positioning Flexibility (3 compound motions, up/down and mobile base)
- Lockable, pivoting wheels, suitable for elevators & most surfaces
- Integrated EKG Gate and UPS System (with 30 minutes power reserve)
- Integrated Operator Control Console for Acquisition and Viewing
- Convenient On-Board Storage Area (for radiopharmaceuticals/supplies)
- Standard LEAP Collimator with System

Physical Specifications

- Length 170 cm (67 in)
- Width 74 cm (29 in)
- Height 178 cm (70 in)
- Weight 147 kg (325 lbs)
- Reach 81 cm (32 in)
- Wheel Base 12 cm (4.75 in)
- Width 73 cm (29 in)
- Height 150 cm (59 in)
- Weight 305 kg (671 Lbs)

DICOM Modality Worklist for SeeQuanta Acquisition Software:

Queries RIS via a PACS broker or PACS DICOM modality worklist service to start a new study in Digirad without needing to type patient/study demographic info.

Biomedical Engineer Training (4-day training Program):

- Product Training hosted at Digirad Corporate (Customer is responsible for Travel / Lodging / Meal logistics and expenses).
- Attendee will receive Service materials for the product purchased (Service Manual and Preventative Maintenance Checklist).
- Training will cover Manufacturer's suggested Preventative Maintenance Service and High Level Assembly Troubleshooting in a hands-on classroom setting.
- Biomedical Training also includes access to the Service Security Key for 1 year from date of training.

System Software for all Workstations, Notebooks and Software Only Offerings (Must Have):

- Microsoft Windows XP or Windows 7 Operating System
- Microsoft Office Professional 2007 or newer
- Comprehensive Problem Solving Suite and Virus Protection with Norton System Works Professional ONLY
- Internet access for remote diagnostic and troubleshooting.

Equipment Service Warranty:

Digirad's Limited Equipment service warranty period is one (1) year from completion of installation. Terms of the limited service and warranties are contained in Standard Conditions of Sale and upon request. All warranties apply only to the original purchaser.

ORDERED ITEMS		
Qty		Description
1		ergo™ Imaging System Acquisition Computer SeeQuanta® Acquisition software Prominence Database Software DICOM Import/Export Interfile Import/Export DICOM Push DICOM Query/Retrieve ECG Cardiac Gate, AccuSync 4200-3 (Integrated) Refillable Flood Container Assembly LEAP Collimator Uninterruptable Power Supply Operator's Manual Onsite Applications Installation/Training (Up to 3 days)
1		ergo Collimator Cart
1		ergo Pinhole Collimator
1		ergo Low Energy High Resolution (LEHR) Collimator
1		ergo Medium Energy (MEAP) Collimator
1		ACR Accreditation
1		DICOM Modality Worklist for SeeQuanta Acquisition Software
1		10 mCi Cobalt-57 Sealed Flood Sheet Source (includes storage container) ergo
1		ergo 25 Ft Power Cord (USA)
1		Onsite Applications Training - Additional 1st Day
1		Onsite Applications Training - Additional Subsequent Day(s)

Unordered Options

Qty	Description
1	ergo Patient Imaging Table
1	Biomedical engineer training: 4 day (Training hosted at Digirad Corporate)
1	ergo Diverging Collimator