P.O./REQ.NO.: B90067 506-B90067 07-11-19 RQ

REQUISITION: 506-B90067

REQUESTING SERVICE: NUCLEAR MEDICINE
SHIP TO: ON-SITE WAREHOUSE
V.A. Medical Center
WAREHOUSE BLDG 1
 2215 FULLER ROAD
ANN ARBOR, MI 48105

Line	Qty.	Catalog	
1	1.00	VI-Lunar w_Lunar Trade-In-QB	QB w_Lunar Trade-In

Line	Qty.	Catalog	
2	1.00	H8930BF	LUNAR IDXA2, MTY

"With a state-of-the-art design, Lunar iDXA offers research-grade image resolution and clarity with exacting precision, designed to provide you a high degree of clinical confidence across all body types for bone health and body composition.
DEXA System:
• Continuous DEXA with dose efficient K-edge filter technology
• Patented Narrow-angle fan beam scan reduces magnification errors and provides better precision
• New generation of Direct Digital HDTM CdTe detector gives excellent results
• 6-Point Calibration ensures precision & accuracy in BMD and soft tissue
• Exclusive TruView with MVIR and SmartFan for scan window optimization, no image distortion and any required scout scan
• High Resoluting images of various skeletal sites
• SmartScan follows the bone to reduce patient dose and scan time
• Patient's limit weight: 204 kg or 450 lbs
• System dimensions : 287 cm (113'') x 131 cm (52'') x 125 cm (49'''') (L x B x H)
"

Line	Qty.	Catalog	
3	1.00	H8940AN	enCORE 17SP4 Prodigy, iDXA

"The enCORE software platform serves as the interface between the DXA scanner and the human operator. The software is used to operate the DXA scanner, acquire DXA scan data and analyze results.

The enCORE software runs on a separate computer provided along with the DXA scanner and provides access to all the bone and metabolic health clinical applications.

This is Version 17 of the enCORE software.
"

Line	Qty.	Catalog	
4	1.00	H8600DK	US DESTINATION KIT

US Destination Kit Includes: Printer, Mobile Computer Cart, External Hard Drive (USB) andenCORE Software (Latest Version)

Line	Qty.	Catalog	
5	1.00	H8619DL	PWRCORD,IDXA,NEMA5-15

PWRCORD,IDXA,NEMA5-15

Line	Qty.	Catalog	
6	1.00	H8910BB	PC WES7 IDXA - USA

PC WES7 IDXA - USA

Line	Qty.	Catalog	
7	1.00	H8600TC	IDXA 30 CABLE

Std 30' I/O Cable for iDXA System

Line	Qty.	Catalog	
8	1.00	H8625LW	20IN WIDESCREEN LCD MONIT

Widescreen LCD Monitor (20")

Line	Qty.	Catalog	
9	1.00	H8691AM	Lunar iDXA Pro Software Package USCAN

H8691AM   Lunar iDXA Pro Software Package USCAN
Includes automated enCORE Software platform operating on Windows 7 Professional platform. Its use is very easy, ergonomic and offers all the latest developments in the densitometry field.

enCORE Software:
• Intuitive and ergonomic graphical user interface based on WINDOWS 7 Platform
• Daily Quality Assurance with complete testing, evaluations and trend graphs
• Advanced patient management (Multi criteria search, several directories…)
• Scan repositioning from the computer with visual control
• Image Parameters, ROI and Automated Point Typing
• AutoAnalysis
• Custom analysis for a more flexible use
• Graphical Reference comparison including WHO criteria (if applicable)
• Complete set of regional Reference Data and also Custom Reference
• Results: BMD, BMC, Area, T-score, Z-score, % YoungAdult and % AgeMatched, and standardized BMD
• Patient's Trend with automated change calculation
• Advanced printing management with several report types
• Multimedia Online Help
• Previous exam results importation from LUNAR or other DEXA Manufacturers
• Interpretation and printing format defined by the user
• Storage and exportation of the data in an SQL format

Application Software Included:
• AP Spine
Provides an estimate of bone mineral density for the lumbar spine.
BMD Lumbar spine acquisition in 30 seconds (< 1%CV, Typical Values).
Automated scoliosis adaptation..

• Femur
Provides an estimate of bone mineral density for the proximal femur.

BMD Single femur acquisition in 30 seconds (< 1%CV, Typical Values).

• DualFemur

Dualfemur measures quickly and automatically both right and left femora without repositioning the patient. Each femur BMD and average of both femora is provided in a combined easy-to-read report with patient trending capability.

• FRAX
Licensed from the World Health Organization (WHO), FRAX has been seamlessly integrated into the enCORE software. The FRAX® algorithms give the 10-year probability of fracture. The output is a 10-year probability of hip fracture and the 10-year probability of a major osteoporotic fracture (clinical spine, forearm, hip or shoulder fracture).

• Forearm
Measures radius and ulna, providing additional clinical information on BMD for the distal forearm. This measurement can be taken in both sitting or supine position. This Application software option allows forearm BMD measurements of different ROI (Radius 33%, Radius UD, Total Radius….)

• Non seated Forearm
This Application software option allows a non-seated position for forearm measurement), enCORE Forearm SW is needed for this application.

• DVA (Includes: LVA, APVA, Lateral BMD)
Performs both LVA and APVA in one scan for qualitative visual assessment in order to identify vertebral deformations and estimate vertebral heights. Lateral Spine measurement and analysis provides an estimate of bone mineral density for the lumbar spine.

• Orthopedic Hip
Orthopedic Hip measurement and analysis provides an estimate of the bone mineral density around femur implants with your choice of 7 standard Gruen zones, 19 extended Gruen zones, or custom ROIs. Reference data is not available for Orthopedic Hip measurements. Also measure the delicate region around the hip implant and visualizes 19 Gruen zones.

• Total Body BMD
Total Body measurement and analysis provides an estimate of bone mineral density for the entire body as well as regional results. This feature is only available with Full Size tables.
• Total Body Composition
This feature provides BMC, lean and fat tissue composition results in grams and %fat for a total body measurement. Total and segmental ROI are available as well as dedicated Android and Gynoid ROI. The Patient BMI is plotted on a graph with the WHO criteria for Obesity. Color Fat Mapping (only with Lunar iDXA). Flexible trend graph is also provided for an easier patient follow up. Total Body Composition is only available in full size tables.

• ScanCheck:
Provides advanced analysis of the acquisition scan (AP spine, Femur, Total Body, and Forearm) following user's defined rules, like having a densitometry Expert in your computer.
Informs the operator of the presence of abnormalities in the acquisition scan (High Density area, high curvature of the spine, unusual T-score variation. A report can be also be generated and associated to the scan report

• Practice Management
Practice Management Tools are general-purpose business reporting tools for your practice. Practice Management Tools include a list of templates to make the creation of reports with conditions simpler and easy. Allows complete and flexible sort of Patients using simple user defined query.

• Composer
Composer is the automated report generator software available for all enCORE based product lines. It extracts the user's selected DXA measurement information, results, comparison and trending graphs, and images in a single report and allows the user to input their recommendation/evaluation of a patient's results based upon the analysis results. Many pre-generated report formats are provided as well as ability to create custom reports.

• QuickView
QuickView offers a fast, 10 second spine or femur scan. Measurement and analysis procedures are the same as other scan modes.

• OneVision
The OneVision feature allows you to set up multiple measurements in one exam. This eliminates keystrokes and improves throughput for customers that routinely perform multiple measurements on each patient. OneVision allows to automatically

combine different scan sites in one acquisition process. Avoid multiple assessment reports.

• OneScan
OneScan performs an AP Spine and Dual Femur exam without repositioning the patient and saving time. Allows the measurement in AP Spine without elevation legs with the legs block.
• SQL Database
Allows enCORE database to be set up in SQL format (Database > 80,000patients)

• DICOM Interface (Storage, Print, MPPS and Worklist)
The enCORE DICOM feature is an optional software feature that supports DICOM v3.0 and permits interoperability across equipment produced by different vendors that also utilize DICOM v3.0 services. On any given network, enCORE can send images to multiple archive/review stations (PACS) and printers or query a modality worklist provider for a list of exams to perform. The network is easily configured at any time, but is normally done during software installation by the local field service engineer. enCORE provides all DICOM services that are required to support the image store, image print, modality worklist, performed procedure step and verifies DICOM services as a SCU.
• IMPORTANT: The networking is under the responsibility of the user.

• HL7
The flexible HL7 feature allows the DXA system to receive and transmit patient records including receiving patient demographics and exporting patient exam results. This option integrates your densitometer with your existing electronic medical records, thereby closing the loop on your records and billing system. HL7 can also attach images to your compliant EMR.
IMPORTANT: The networking is under the responsibility of the user.

• 3-Users Database SQL SW (MUDBA-3)
Allows connecting multiple enCORE based systems to the networking for full database sharing from remote workstations. Physicians can view patient exams remotely, patient data can be entered from the receptionist's workstation and physicians can access and analyze data from their offices. Software and license up to 3 Windows 7 workstation users.
IMPORTANT: The networking is under the responsibility of the user.

• TeleDensitometry
The TeleDensitometry option connects the Lunar iDXA to existing computer networks and phone lines, so you can e-mail or fax DXA reports directly from the densitometer.
IMPORTANT: Faxing requires an external USB fax modem and customer-supplied analog phone line.

Line	Qty.	Catalog	
10	1.00	H8801CS	CoreScan - VAT

Optional CoreScan* software estimates the Visceral Adipose Tissue (VAT) content
within the android region in a male or female population between the ages of 18
and 90 with a BMI between 18.5 and 40, excluding pregnant women. The content
that is estimated is the VAT Mass and VAT Volume. The values can be displayed in
user-defined statistical formats and trends. Some of the diseases/conditions for which
VAT estimation can be useful include hypertension, impaired fasting glucose, impaired
glucose tolerance, diabetes mellitus, dyslipidemia and metabolic syndrome.
Estimated VAT volume is in cm3 or in3 and mass in grams or pounds.
CoreScan results require the abdominal region must
not have tight waistbands and be completely free of all metal. Do not use thick
blankets or pads. Thick blankets, padding, or pillows can interfere with the scan and
cause shifts in results. CoreScan results require that hands do not touch legs and there is a small air gap (~1 cm) between the arms and torso.

Line	Qty.	Catalog

Line	Qty.	Catalog	
11	1.00	E4502LB	1.5KVA UPS FOR LUNAR IDXA

1.5KVA UPS FOR LUNAR IDXA

Line	Qty.	Catalog	
12	1.00	E4502LC	CABLE KIT FOR E4502LB LUN

CABLE KIT FOR E4502LB LUN

Line	Qty.	Catalog	
13	1.00	W7003LN	DB CONVERT,OLD DPX-enCORE

DB CONVERT,OLD DPX-enCORE

Line	Qty.	Catalog	
14	2.00	W7004LN	ALA CARTE APPS 1 DAY

ALA CARTE APPS 1 DAY

Line	Qty.	Catalog	
15	1.00	R7002LN	DEINSTALL,USA,DEXA

DEINSTALL,USA,DEXA

Qty.	Credits and Adjustments
1.00	IDX - IDXA Trade-in

E. Trade-In Equipment:

Equipment/Vehicle Mfr	Model & Description	Quantity	* ID / Serial #
GENERAL ELECTRIC	IDX - IDXA Trade-in	1.00	ME+200203