

Lunar iDXA

W I T H A D V A N C E P A C K A G E

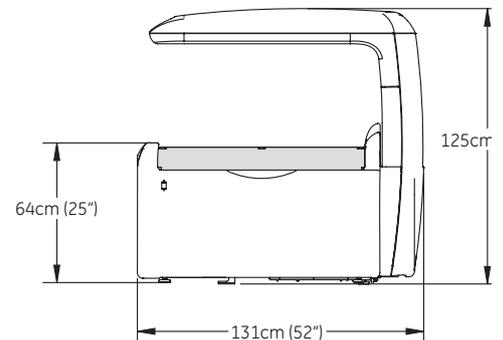
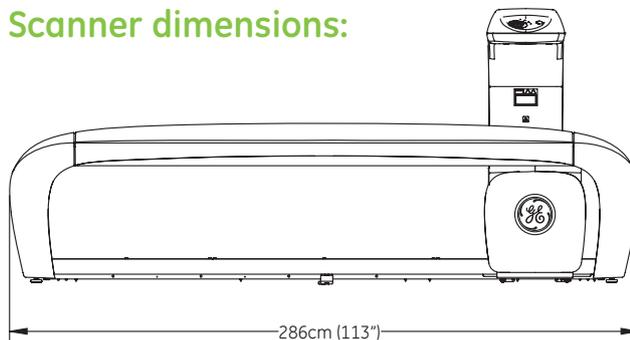
Configured for advanced musculoskeletal and metabolic health assessment

The Lunar iDXA with Advance Package offers an expanded range of clinical applications to serve both your **skeletal and metabolic** needs.

The Lunar iDXA with Advance package provides **crisp, high-resolution images** of the spine to identify vertebral deformations and aid estimation of BMD, as well as **precise measurements** to detect true changes sooner.



Scanner dimensions:



Lunar iDXA® with Advance Package specifications (nominal)



Software applications and features:

Clinical applications:

- AP spine
- Femur
- DualFemur
- Forearm/supine forearm
- Hand
- Orthopedic hip
- Total body BMD
- Total body and regional tissue quantitation
- Total body/body composition
- Pediatric spine/femur/total body
- Dual-energy Vertebral Assessment (DVA) (lateral and AP)
- Spine geometry
- FRAX®
- Advanced Hip Assessment (AHA)
- Small animal total body^{1,2}

○ OPTIONAL

Workflow:

- Previous scan image comparison
- SmartScan
- OneScan measurement
- OneVision
- Automatic metal detection
- QuickView measurement
- Image preview

Analysis & reporting:

- ScanCheck
- Custom region of interest analysis
- Composer reporting tools
- Custom reference creation
- Practice management tools

Connectivity:

- DICOM interface
 - HL7 interface¹
 - TeleDensitometry (e-mail, fax)^{1,3}
 - SQL server¹
 - Multi-user database¹
 - HIPAA secure view¹

Scanner table specifications:

- Scanner size 2.87m x 1.31m x 1.25m (113" x 52" x 49")
- Scanner weight 360kg (792lbs)
- Patient table top height (adjustable) 64cm (25")
- Maximum patient weight supported 204kg (450 lbs)
- Drive system stepper motor with reinforced drive belts
- Active scan area 198cm x 66cm
- Start position indicator cross laser light (class II, <1mW power)
- Pad washable patient mat, includes paper roll dispenser
- Attenuation of patient support table <1.2mm AL
- Communication cable Ethernet
- Scanner leakage current meets IEC 60601-1 safety standard

Detector specifications:

- Detector high-definition, direct-digital detector

Computer specifications:

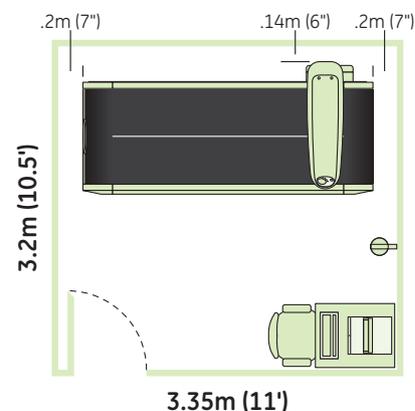
Non-US customers will need to verify that the computer is certified to local requirements. The computer must meet the minimum requirements that follow:

- 2.8GHz processor
- 2 GB RAM
- 80GB hard disk
- CD-RW Drive
- 17" SVGA monitor with at least 1024 x 768 32-bit color
- External hard drive (data archive location)
- enCORE user interface
- Windows® operating system
- Internet Explorer version 7.0
- Two 100Mbit Ethernet connectivity
- Windows-compatible printer

Environmental specifications

- Power 100-127 VAC 50/60Hz 20A dedicated circuit
200-240 VAC 50/60Hz 10A dedicated circuit
- Consumption Idling 40VA, Scanning 750VA
- Distortion sinusoidal waveform, less than 5% THD
- Humidity 20%-80% non-condensing
- Room temperature 18°C-27°C (65°F-81°F)
- Scanner heat output idling 150 BTU/hr, scanning 1500BTU/hr
- Console heat output approx. 400BTU/hr with 17" monitor
- Ventilation all cooling vents must remain unblocked
- Dust, fumes, debris install system in clean, ventilated area

Minimum room dimensions⁴



The Lunar iDXA is designed to have minimal impact on your practice in both the installation requirements and required operating space. The Lunar iDXA is shown in a 3.5 m x 3.2 m exam room with the included workstation. No operator shielding or special site preparation beyond a dedicated 100-127/200-240 VAC duplex outlet is usually required.⁵ The outlet should be placed near the desired location of the operator's console.

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Indications for use: The Lunar iDXA Bone Densitometer provides an estimate of bone mineral density and fat and lean tissue mass. The values can then be compared to a reference population at the sole discretion of the physician.

CAUTION: Federal Law restricts this device to sale by or on the order of a physician.

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Our **healthymagination** vision for the future invites the world to join us on our journey as we continuously develop innovations focused on reducing costs, increasing access and improving quality and efficiency around the world. Headquartered in the United Kingdom, GE Healthcare is a \$17 billion unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employs more than 46,000 people committed to serving healthcare professionals and their patients in more than 100 countries. For more information about GE Healthcare, visit our website at www.gehealthcare.com



1. Optional
2. Laboratory animals only
3. Additional hardware may be required for fax capabilities.
4. An isolation transformer may be required. Please refer to local regulations.
5. Consult and Follow local X-ray regulations.