Lunar iDXA

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

**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 interface
- TeleDensitometry (e-mail, fax)
- SQL server
- Multi-user database
- HIPAA secure view

**Scanner 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 dimensions:**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>3.2m (10.5')</td>
</tr>
<tr>
<td>Height</td>
<td>2m (7')</td>
</tr>
<tr>
<td>Depth</td>
<td>14m (56')</td>
</tr>
</tbody>
</table>

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 the dedicated 100-127/200-240 VAC duplex outlet is usually required.

The outlet should be placed near the desired location of the operator’s console.

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Contact your GE representative for the most current information.

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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.

About GE Healthcare

GE Healthcare provides transformational medical technologies and services that are shaping a new age of patient care. Our broad expertise in medical imaging and information technologies, medical diagnostics, patient monitoring systems, drug discovery, biopharmaceutical manufacturing technologies, performance improvement and performance solutions services help our customers to deliver better care to more people around the world at a lower cost. In addition, we partner with healthcare leaders, striving to leverage the global policy change necessary to implement a successful shift to sustainable healthcare systems.

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