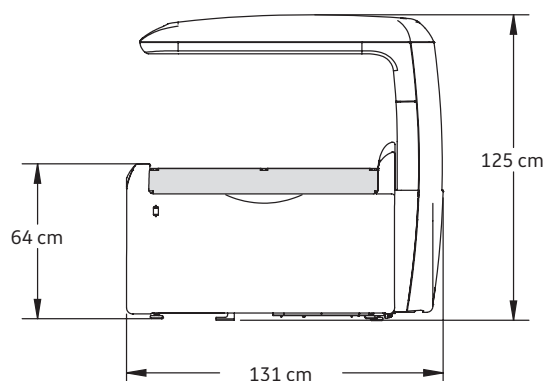
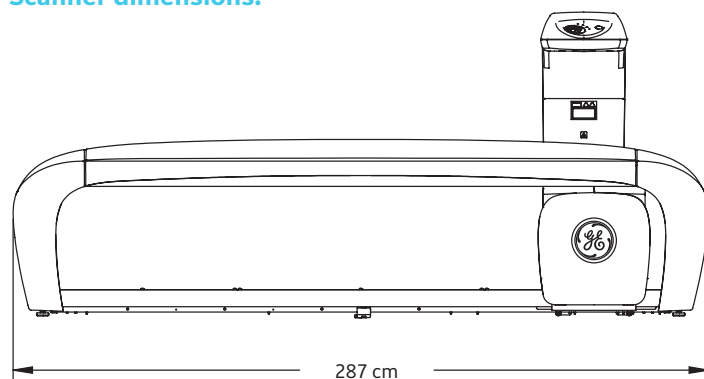


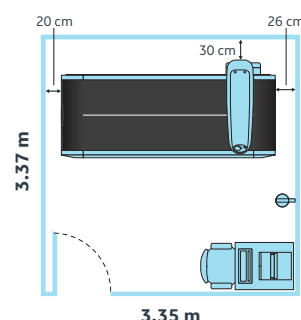


# Lunar iDXA™ Specification Sheet

## Scanner dimensions:



## Minimum room dimensions<sup>1</sup>:



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 3.35 m x 3.37 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.<sup>2</sup> The outlet should be placed near the desired location of the operator's console.

## Scanner table specifications:

Scanner size ..... 2.87 m x 1.31 m x 1.25 m  
Scanner weight ..... 353 kg  
Patient table top height ..... 64 cm  
Maximum patient weight supported ..... 227 kg  
Drive system ..... stepper motor with reinforced drive belts  
Active scan area ..... 198 cm x 66 cm  
Start position indicator ..... cross laser light (class II, <1 mW power)  
Pad ..... washable patient mat, includes paper roll dispenser  
Attenuation of patient support table ..... <1.2 mm AL  
Communication cable ..... Ethernet  
Scanner leakage current ..... meets IEC 60601-1 safety standard

## Detector specifications:

Detector ..... high-definition, direct-digital detector

## Computer specifications:

Processor ..... Intel® Core™ i3  
Operating System ..... Windows® 10 2021 LTSC  
Memory ..... RAM 8 GB  
Storage ..... 1 TB NVMe SSD  
Optical Drive ..... DVD-RW SATA  
Monitor ..... 24" SVGA (min resolution 1920 x 1080 32-bit color)  
Archive Drive (optional) ..... 1 TB USB  
Document viewing ..... Adobe® Reader® DC  
Browser ..... Microsoft Edge  
Connector ..... RS-232 Serial Port  
Printer ..... Windows®-compatible

## Environmental specifications:

Power ..... 200-240 VAC 50/60Hz 10A dedicated circuit  
Consumption ..... idling 40VA, scanning 525VA  
Distortion ..... sinusoidal waveform, less than 5% THD  
Humidity ..... 20%-80% non-condensing  
Room temperature ..... 18°C-27°C  
Scanner heat output ..... idling 150 BTU/hr, scanning 1800 BTU/hr  
Console heat output ..... approx. 200 BTU/hr with 24" monitor  
Ventilation ..... all cooling vents must remain unblocked  
Dust, fumes, debris ..... install system in clean, ventilated area  
Altitude ..... tested up to 4,000 m

## Connectivity:

- Teledensitometry<sup>3</sup>
- DICOM® interface
- HL7 interface
- SQL Server

# Lunar iDXA Specification Sheet

✓ Standard    ● Optional    ✕ Not Available

		Lunar iDXA with Pro SW Package	Lunar iDXA with Advance SW Package
Productivity Apps	SQL Server Database	✓	✓
	HL7	✓	✓
	DICOM®	✓	✓
	Multiuser dB (1-3)	✓	✓
	Teledensitometry <sup>3</sup>	✓	✓
	ScanCheck	✓	✓
	Practice Management	✓	✓
	Composer	✓	✓
	OneScan	✓	✓
	OneVision	✓	✓
	QuickView	✓	✓
	Multiuser Database (1-40)	●	✓
Basic Bone	AP Spine	✓	✓
	Dual Femur	✓	✓
	Femur	✓	✓
	Forearm	✓	✓
	Nonseated Forearm	✓	✓
	FRAX® Fracture Risk Tool	✓	✓
	DVO Fracture Risk Tool <sup>4</sup>	✓	✓
	DVA (Includes: LVA, APVA, Lateral BMD)	●	✓
Advanced Bone	Pediatric – AP Spine	✓	✓
	Pediatric – Femur	✓	✓
	Pediatric – TB (Birth to 20 YO)	✓	✓
	Orthopedic Hip	●	✓
	Advanced Hip Assessment	●	✓
	Spine Geometry	●	✓
	Hand	●	✓
	Orthopedic Knee	●	✓
	Atypical Femur Fracture	●	●
	Small Animal	●	●
Total Body	Total Body BMD	✓	✓
	Total Body Comp	✓	✓
Advanced Body	CoreScan™	✓	✓
	Advanced Body Comp <sup>5</sup>	●	✓
	Sarcopenia	●	●
New enCORE v18 Options	DXAVision™	●	●
	Advanced Analytics Full	●	●
	Advanced Analytics Bone	●	●
	Advanced Analytics Body Comp	●	●
	Sports Athletics Package	●	●
	Integrated TBS	●	●

1. A small room kit with isolation transformer may be required. Please refer to local regulations. 2. Consult and follow local X-ray regulations. 3. Additional hardware may be required for fax capabilities. 4. German speaking countries only. 5. Bone-Lean-Tissue Color Coding, Metabolic Results (ICW, ECW, TBW), Resting Metabolic Rate, Composer Style Sheets – Body Sports Medicine Segmental, Body Patient Weight Loss.



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