



Prodigy Advance

Tailored for advanced skeletal and metabolic health assessment

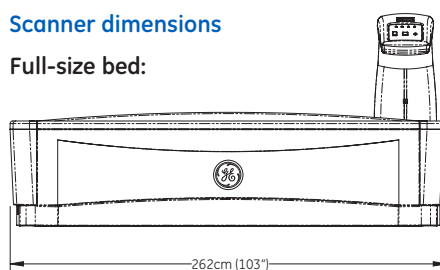
Optimal health depends on accurate diagnosis and preventive treatment. That's why so many professionals around the globe rely on Prodigy™ for comprehensive body composition analysis, including bone mineral density (BMD) and lean and fat tissue mass.

Prodigy delivers reliable dual-energy X-ray absorptiometry (DXA) with excellent precision and extremely low radiation dose. Prodigy efficiently streamlines patient care and practice workflow. You can trust Prodigy to help ensure the vitality of your patients and your practice.

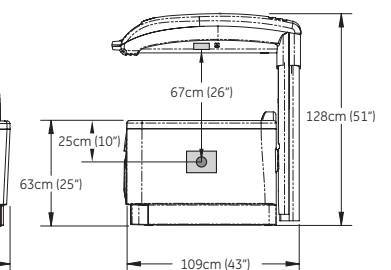
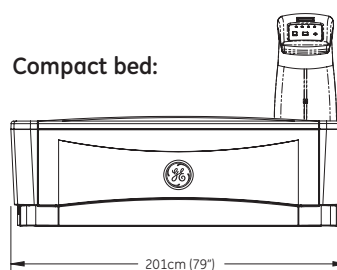


Scanner dimensions

Full-size bed:



Compact bed:



Prodigy Advance specifications (nominal)



Software applications and features:

OPTIONAL

Clinical applications:

- AP spine
- Femur
- DualFemur
- Forearm/supine forearm
- Total body BMD
- Dual-energy Vertebral Assessment (DVA) (lateral and AP)
- Fracture risk assessment tool: FRAX^{®2}
- Total and regional body composition¹
- Advanced body composition (data visualization, trending & reporting tools)¹
- Advanced Hip Assessment (AHA) with hip strength analysis
- Pediatric spine/femur/Complete Pediatric¹
- Hand/supine hand
- Small animal total body²
- CoreScan™ (visceral fat quantification)¹
- Orthopedic hip
- Orthopedic knee

Workflow:

- Previous scan image comparison
 - OneVision
 - Automatic metal detection
 - Image preview
 - OneScan measurement
 - SmartScan
 - QuickView measurement (10sec)
- ### Analysis & reporting:
- Custom region of interest analysis
 - Composer reporting tools
 - Custom reference creation
 - ScanCheck
 - Practice management tools
- ### Connectivity:
- HIPAA secure view
 - SQL server
 - DICOM interface
 - HL7 interface³
 - TeleDensitometry (e-mail, fax)⁴
 - Multi-User DataBase access (MUDB) (1-3 users)
 - Multi-User DataBase access (MUDB) (1-10 users)

Scanner table specifications:

- Scanner size (full-size bed) 262(W) x 109(D) x 128(H)cm (103" x 43" x 51")
- Scanner size (compact bed) 201(W) x 109(D) x 128(H)cm (79" x 43" x 51")
- Scanner weight (full-size bed) 272kg (599lbs)
- Scanner weight (compact bed) 254kg (559lbs)
- Patient table top height (adjustable) >63cm (25")
- Maximum patient weight supported 159kg (350 lbs)
- Drive system stepper motor with reinforced drive belts
- Active scan area (full-size bed) 197.5cm x 60.0cm
- Active scan area (compact bed) 135.2cm x 59.5cm
- Start position indicator cross laser light (class II, <1mW power)
- Pad washable patient mat
- Attenuation of patient support table <0.7mm AL
- Communication cable 7.62m (25ft) serial
- Scanner leakage current meets IEC 60601-1 safety standard

Detector specifications:

- Detector LYSO x-ray counting 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:

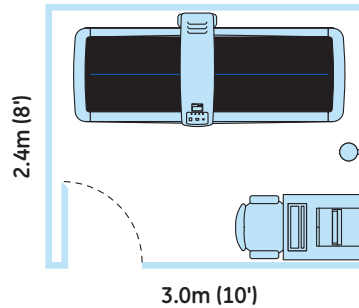
- 1.2 GHz Intel™ Celeron™ or 2.69 GHz AMD Athlon™ processor
- Windows® 7 Professional (32-bit, 64-bit)
- 2 GB RAM
- 160 GB hard disk
- DVD-R drive
- 17" SVGA monitor with at least 1024 x 768 32-bit color
- External hard drive (data archive location)
- Internet Explorer® version 8.0
- Windows-compatible printer
- 1 Serial port required
- Adobe™ Acrobat™ reader
- Serial Port: Onboard RS-232 115K baud DB-9 or StarTech PCI serial adapter PCI1S950DV (GE Healthcare P/N LU44192)

Environmental specifications

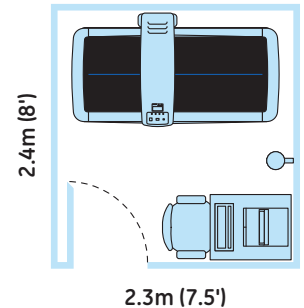
- Power 100-120 VAC 50/60Hz 20A dedicated circuit
220-240 VAC 50/60Hz 10A dedicated circuit
- Consumption Idling 40VA, Scanning 450VA
- Distortion sinusoidal waveform, less than 5% THD
- Humidity 20%-80% non-condensing
- Room temperature 18°C-27°C (65°F-81°F)
- Scanner heat output idling 150 BTU/hr, 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 dimensions⁵

Full-size bed:



Compact bed:



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 around the world. Headquartered in the United Kingdom, GE Healthcare is a unit of General Electric Company (NYSE: GE). Worldwide, GE Healthcare employees are 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. Full-size table only.
2. Laboratory animals only
3. Standard in US, may be optional in other regions.
4. Additional hardware may be required for fax capabilities.
5. A small room kit with isolation transformer may be required. Please refer to local regulations.

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GE Healthcare, a division of General Electric Company

Indications for use: The Prodigy series 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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