Prodigy Advance
Dual-energy X-ray bone densitometer

The Prodigy® Advance utilizes a narrow-angle fan beam and direct-digital detector to provide precise results in all skeletal sites, and enables clinicians to properly monitor the therapy of their patients.

Additionally, the Prodigy Advance provides precise body composition results, such as fat mass and lean mass, at any part of the human body.1 Full- and compact-sized scanner beds are available.
**Software applications and features:**

**Clinical applications:**
- AP spine
- Femur
- DualFemur
- Forearm/supine forearm
- Total body BMD
- Dual-energy Vertebral Assessment (DVA) (lateral and AP)
- FRAX® tool
- Advanced Hip Assessment (AHA) with hip strength analysis
  - Hand/supine hand
  - Orthopedic hip
  - Pediatric spine
  - Pediatric femur
  - Total and regional body composition
  - Small animal total body
- Pediatric spine/total body
- 2.4m (8')
- 3.0m (10')
- 2.3m (7.5')

**Workflow:**
- Previous scan image comparison
- OneScan measurement
- OneVision
- Automatic metal detection
- QuickView measurement (10sec)
- Image preview

**Analysis & reporting:**
- ScanCheck
- Custom region of interest analysis
- Composer reporting tools
- Custom reference creation
- Practice management tools

**Connectivity:**
- HIPAA secure view
- DICOM interface
- HL7 interface
- TeleDensitometry (e-mail, fax)
- SQL server
- Multi-User Database access (MUDB) (1-3 or 1-10 users)

**Scanner size (full-size bed):**
- 262(W) x 109(D) x 128(H) cm
- 2.4m (8')
- 3.0m (10')
- 2.3m (7.5')

**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:**
- 197.5cm x 60.0cm (6.5' x 2')

**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

**Environmental specifications:**

**Power:**
- 100-120 VAC 50/60Hz 20A dedicated circuit
- 230-240 VAC 50/60Hz 20A 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 dimensions:**

**Full-size bed:**
- 3.0m (10')
- 2.4m (8')

**Compact bed:**
- 2.3m (7.5')
- 2.4m (8')

**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, 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, improving 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](http://www.gehealthcare.com).