

Lunar DPX Bravo technical specifications:

Available applications and options^{7,10}

- AP spine
- Femur
- DualFemur
- OneScan
- Advanced Hip Assessment (AHA)
- ScanCheck
- Estimated Total Body %Fat
- Forearm
- Orthopedic
- OneVision
- Composer
- TeleDensitometry (e-mail, fax¹²)
- HIPAA SecureView
- Practice Management tools
- DICOM (worklist, color print and store)
- HL7 bidirectional interface
- Multi-User Database access (MUDB) (1-3 or 1-10 users)
- SQL database
- Applaud CD-based training
- Remote connectivity for direct customer support

enCORE Windows-based user interface^{7,10}

- Advanced intuitive graphical interface with multimedia on-line help
- Multiple languages available
- SmartScan for scan window optimization and dose reduction
- Automated scan mode selection
- AutoAnalysis for better precision
- Customized analysis for clinical flexibility

- Exam comparison process
- Multiple patient directories with database
- BMD or sBMD results, BMC and area
- Extensive reference data: >12,000 USA/Northern European subjects, as well as NHANES, and numerous regional databases.
- T-score, Z-score, % young adult and % age matched
- WHO guidelines for diagnosis of osteoporosis
- Patient trending with previous exam importation
- enCOREExpress mode for brief click path

Standard features

- Swing arm
- Paper roll dispenser
- Washable table pad

Quality assurance

- Automated test program with complete mechanical and electronic tests
- Automated QA trending with complete storage

Scanning method

- DXA pencil-beam technology with SmartScan technology
- No scout scan required, no moving table

X-ray characteristics

- Constant potential source at 76kV
- Dose efficient K-edge filter
- Tube current: 0.05 - 3.00mA

Detector technology

- NaI PM tube detector
- High pulse rate

Dimensions (L x W x H) and weight

- System: 1.86m x .86m x 1.30m - 202kg (74" x 34" x 51" - 444lbs)
- Operating space: 1.86m x 1.04m x 1.30m (74" x 41" x 51")
- Table height: .63m (25")

Patient weight limit

- 159kg (350lbs)

External shielding

- Not required: X-ray safety requirements may vary by location. Please inquire with local regulatory authorities.
- Operating scatter: < 0.2 mR/hr (2 µSv/hr) @ 1m (39") from X-ray source
- GE Healthcare recommends consulting your local regulatory agency to comply with local ordinances.

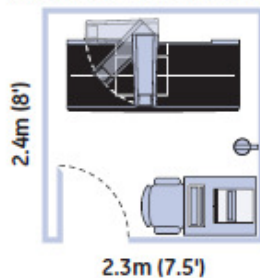
Environmental requirements

- Ambient temperature: 18-27°C (65-81°F)
- 120 VAC 50-60 Hz 20A dedicated circuit or 230-240 VAC 50-60Hz 10A dedicated circuit ±10%
- Humidity: 20%-80%, non-condensing

Computer workstation^{7,10}

- Windows platform
- Computer, printer and monitor

Minimum room dimensions:



The Lunar DPX Bravo is designed to have minimal impact on your practice in both installation requirements and required operating space. The system is shown above in a 7.5' x 8' exam room, with a typical workstation. No operator shielding¹¹ or special site preparation beyond a dedicated 20 Amp 120VAC duplex outlet is required¹⁴. The outlet should be placed near the desired location of the operators console.