Applications
Available features
AP Spine
Femur
DualFemur
Forearm
OneVision
OneScan
Computer Assisted Densitometry (CAD)
Tele Densitometry*
Composer
Dexter-PDA Interface (without PDA)
DICOM *
Multi users Database Access *
* Networking under user’s responsibility

Performances
Typical Scan Time and Exposure *

<table>
<thead>
<tr>
<th>Site</th>
<th>Scan Time</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Spine</td>
<td>90 sec</td>
<td>20 µGy</td>
</tr>
<tr>
<td>Femur</td>
<td>90 sec</td>
<td>20 µGy</td>
</tr>
</tbody>
</table>

* maximum at Standard mode

Precision
<1% CV

Scatter Radiation
<2µSv/hr at 1m

Specifications
enCORE™ Software Platform
Advanced intuitive graphical interface
Multiple Patient directories using Microsoft Access® database
SmartScan™ for scan window optimization
Automated Scan mode selection
AutoAnalysis™ for a better precision
Customized Analysis for clinical flexibility
BMD or sBMD results (BMC and Area)
Extensive Reference Data
> 12,000 subjects – NHANES and several Regional Lunar Reference Data
User defined Reference Population
T-score, Z-score, % Young-Adults and % Age-Match
Automated WHO Background evaluation
Patient trending with previous exam importation
Multiple languages available
Multimedia Online Help

Calibration and Quality assurance
Automated Test program with complete mechanical and electronic tests and global measurement calibration
Automated QA Trending with complete storage

Scanning Method
DXA SmartBeam with SmartScan™
- no scout scan required
- no magnification for the best precision
- optimization of the scan windows to reduce time and exposure
- best scan parameter according to the patient corpulence

X-ray characteristics
Constant source at 76kV
Dose efficient K-edge filter
Permanent dual energy x-ray beam

Detector technology
NaI PM tube
High rate Pulse-counting electronics

Environmental requirements
External shielding: X-ray safety requirements may vary upon destination. Please inquire with local regulatory authorities. GE Medical Systems LUNAR recommends consulting your local regulatory agency to comply with local ordinances
Ambient temperature: 18-27°C
Humidity: 20% - 80%, non-condensing
Power: 230/ 240 VAC ±10%, THD <5%, 600VA, 50/ 60 Hz
Dimensions (L x H x W) and weight
187 x 128 x 104 cm - 202 kg
table height 63cm
Swing Arm- no moving table
Washable vinyl table pad
Paper roll dispenser

Positioning
Laser light
SmartScan™ - Autodetection of bone tissue

Computer workstation
Windows XP® Professional
Intel processor computer, printer and monitor
Contact GE Medical Systems Lunar or our local distributor for the detailed current configuration and optional hardware.

For more than 100 years, healthcare providers worldwide have relied on GE Healthcare for medical technology, services and productivity solutions.

So no matter what challenges your healthcare system faces– you can always count on GE to help you deliver the highest quality healthcare.

For details, please contact your GE representative today.
Lunar DPX Bravo
Compact and Powerful
Bone Densitometer

GE Healthcare

GE imagination at work
DPX Bravo! The densitometer that fits your office.

Bone densitometry fits your vision of a quality practice. Now, it also fits in your office.

The full-function DPX Bravo densitometer gives you a powerful diagnostic in a highly compact footprint. You can place it in almost any room* and immediately start providing quality osteoporosis care.

Independent studies demonstrated DPX Bravo’s low precision error – the key for detecting early bone changes in your patients. DPX Bravo is a SmartBeam™ platform delivering reliable bone mineral density measurements enabling you to make sound patient care decisions. Best of all, it brings bone densitometry to where the patients are – your office.

By applying 6-sigma methodology, a process which focuses entirely on your needs, we provide the technology, functionality and reliable performance you asked for. All your needs are met with the Lunar DPX Bravo bone densitometer.

* Consult local x-ray regulations for room requirements.
Lunar DPX Bravo is a SmartBeam™ platform providing high-performance scanning and clinical utility. You get measurements of the two most vital clinical sites – spine and femur – in seconds, and at a low radiation dose. Forearm software is also available in option.

The highly automated enCORE™ software platform, based on Windows, optimizes productivity and ensures consistent results. Advanced OneScan and SmartScan features provide unprecedented ease of use and high precision.

Efficient
OneScan automatically combines scans of the spine and hip into one exam, acquired in one process and evaluated in one analysis. Rather than receiving multiple assessment reports, you and your referring physicians receive a single, consolidated report that combines the risk assessment analyses for greater convenience and time savings.

Confident
The optional DualFemur feature automatically measures both the left and right femurs in one fast scan. DualFemur improves accuracy by identifying the femur with the lowest density. The 30%* improvement in precision seen with the combined L/ R BMD, enhances the ability to monitor response to therapy at this critical fracture site.

Seamless
The Lunar DPX Bravo patient report combines key diagnostic results. It prominently displays T-scores along with fracture risk assessment graphs based on the World Health Organization (WHO) criteria for diagnosing osteoporosis. This makes result interpretation and fracture risk assessment seamless.

* SL Bonnick, LA Lewis. Texas Women’s University, Denton, TX, USA. ISCD Meeting, 2002.
Automated

Patient scanning is quick and automated with the SmartScan™. This unique measurement technique automatically adjusts the scan path real-time during the examination. You get consistent, accurate and fast results without compromising reliability or precision of the measurements.
“DPX Bravo’s swing arm and the table height dramatically improves patient loading and unloading. The enCORE software works seamlessly with the compare feature allowing better precision for follow-up patients.”

Larry Jankowski, CDT, CNMT
Illinois Bone and Joint Institute
Quality and productivity.

Your Lunar DPX Bravo bone densitometer system comes with advanced tools that help you provide quality care, easily and efficiently.

**Speed and ease of use**

With minimal training, any member of your staff can get fast, reliable results with the Windows-based enCORE software. The intuitive graphical user interface combined with the AutoAnalysis calculates patient results with no operator intervention in more than 95 percent of clinical cases*.

The Composer option quickly creates patient and physician customized reports with automated extraction of the exam results.

**Quality**

Computer Assisted Densitometry (CAD) automatically studies acquisition inputs and the acquired image, looking for errors and patient irregularities. When it detects anomalies, it displays explanations and instructions. CAD helps speed throughput and reduces errors. It also may help technologists provide diagnostic-quality information to the interpreting physician.

**Connectivity**

The DPX Bravo’s TeleDensitometry feature sends digital, paperless reports as faxes attached to standard e-mail messages. These results can be viewed on any personal computer without the need for special software. The optional DEXTER PDA software allows you to review scans anywhere, anytime.

* Steinberg D, presented at ISCD 2003.