



## 2002 GE SIGNA LX HISPEED 1.5T MRI

### **Equipment:**

#### Core System:

- 1.5 Tesla CXK4 Whole Body, High Res., High Homogeneity, Actively Shielded Superconducting Magnet & Enclosure.
- 23mT/m Advantage Gradient Subsystem, Proprietary Actively Shielded Coil.
- 4 Channel Phased Array Hardware
- Digital Transceivers including New Digital Pulse Controller, Digital RF Signal Generator, Four multiple digital RF receiver.
- Quadrature Transmit/Receive RF Body Coil, 60 cm diameter high pass quadrature RF body coil provides high SNR with a Patient Friendly Aperture.
- Unique Ultra-Low Noise Pre-Amplifier Design minimizes noise levels to ensure excellent SNR for all application.
- Power Distribution Unit.
- Lightweight Mobile Patient Table, Quick Release Cradle, Continuously Variable Height 26" to 38", Integral Patient Guard Rails, Motorized Longitudinal Cradle Movement, Precision Alignment Lights.

#### Computer :

- Silicon Graphics Inc. Processor incorporates 64bit technology operating at 250 MHz speed with 256 MB CPU memory. 4.3 Gbyte Hard Drive which allows 20,000 (256 x 256) Images storage capacity, Optical Erasable / Re-writable Disk (1.3 GB) which stores 7,500 images (256 x 256) per cartridge.
- Intuitive Workstation-Based Operators Console with Flat Panel (1) 20" LCD Color Monitor. A Pathfinder personal computer is provided for Gating and Respiratory Waveform Displays on the LCD Color Display Monitor. Integrated Patient Intercom permits continuous communication between the patient and the operator.
- ReFlex 20 Reconstruction Module is Scaleable and provides for High Speed Image Data Reconstruction.

#### Software Options:

Capable of operating Signa LX HiSpeed 9.0 System Software, Which includes Spin Echo, Inversion Recovery, Gradient Echo, Fast Spin Echo, Fast Gradient Echo Imaging, Acquisitions, and Advanced Vascular Imaging Package. User Selective options includes Auto Shim, Auto-PreScan Feature, 2D Acquisition Geometries, 3D Acquisition Geometries, Variable Bandwidth Capabilities, Off Center Field of View (FOV), Phase Offset, Asymmetric FOV, User Selectable Signal Averaging, User Selective Acquisition Matrix, Peripheral Gaiting, Flow Motion Compensation, Respiratory Compensation, Automatic No Frequency Wrap Technique, Single Shot Fast Spin Echo, FLAIR, Fast Flair, MTSE, Echo Planner Imaging (EPI), IR-EPI, Flair EPI SmartPrep, Echo Plus(Diffusion), Functools (Perfusion)

#### Coils:

- Quad Head Coil
- Shoulder Array Coil
- Torso Array Coil
- Extremity / Knee with Chimney
- Dual TMJ 3" with Positioner
- Neurovascular Coil
- Anterior Neck
- Spine Array



Coil

Array

**This system can be delivered and installed at your facility with a comprehensive 12 months warranty and extended service coverage plan.**



Ask about our turnkey project services

