What is Sapphire PSG?
Sapphire PSG is a complete 22-channel sleep system with state-of-the-art wireless hardware and Crystal PSG software for managing patient, data acquisition, scoring and reporting.

Flexible Package
Wireless Type I PSG system for attended, remotely attended & unattended sleep studies.

Wireless and Portable
Integrated headbox, amplifiers, transducers and data telemetry into one hand-held unit. Entire sleep system fits in a compact carrying case.

Easy Installation
Set-up new sleep facility or expansion within the hour, no need for expensively hard-wiring with cables.

Untethered Monitoring
Wireless monitoring enhances patient comfort and mobility.

Multi-Purpose Facility
Entire sleep system is easily stored away when not in use, so your night-time sleep lab can also be a daytime clinic.

Perfect Fit for Sleep Research Needs
Cost-effectively meets all sleep research protocols. Portable, so clinical studies can be conducted anywhere.

Scoring and Reporting Software
View and score raw data using full PSG capable software. Customizable reporting. Easy patient record management.
What’s included
• CleveMed Soft Carrying Case
• Sapphire PSG
• Sapphire PSG Computer Unit
• Sapphire PSG User Guide
• Crystal PSG Software
• Crystal PSG User Guide
• SD Card
• External Card Reader
• USB Data Cable
• Rechargeable Batteries (AA) with Charger
• CPAP Titration Kit
• RIP Belt (pkg of 2)
• Abdominal Interface Cable
• Thoracic Interface Cable
• Gold Cup Electrode (72” pkg of 10)
• Nasal Cannula/Oral Airflow without filter (84” tube)
• Pulse Oximeter Finger Sensor & flexiwrap adhesive (pkg of 25)
• Pulse Oximeter Interface
• Sleep Position Sensor (1.5 mm DIN female)
• Snap Electrode Leads (72” pkg of 12)
• Thermistor Kit

Patient unit
Dimensions: 8.5” x 3.8” x 1.4” (not including antenna)
Weight: 1.2 lbs (538 g) with batteries
Power: 4 AA alkaline batteries, 12 hours continuous use
Operating Frequency:
2.4 GHz (ISM band) or 902 - 928 MHz (ISM band)
Data Transmission Range: 100 feet, line of sight
Memory: Removable SD memory card

Computer unit
Dimensions: 3” x 4” x 1.4”
Weight: 7 oz (200 g)
Power: USB
PC Interface: USB

22 channels
6 EEG channels
2 EOG channels
2 Chin EMG channels
1 ECG channel
3 EMG channels
• Left leg
• Right leg
• 1 additional EMG or snore mic

Thoracic Effort
Abdominal Effort
Thermistor
Body Position
Auxiliary DC
Airflow (pressure based)
Snore (derived from airflow)
Pulse Oximetry

Minimum system requirements
• PC Computer with USB 2.0 port
• Microsoft® Windows Vista or later
• Minimum 1 GB of RAM
• Minimum of 2 GB of disk space
• Optical (CD/DVD) Drive
• Display with 1024 x 768 resolution or higher
• Microsoft® Word

Sapphire PSG records conventional physiological signals. Sleep lab methodology with wireless monitoring.

Expanding the reach of your sleep services today and tomorrow

LMA-07-0080 Rev D DCO 839