The APEX SP-4M high performance, motor-driven, mobile integrated digital gamma camera is based on a 32-bit/64-bit microprocessor array and features a large field-of-view (400 mm) detector.

Compact design, ease of maneuverability and superior on-board processing power make the APEX SP-4M camera the tool-of-choice for all planar imaging applications. However, it is also ideally suited for nuclear cardiology or other bedside nuclear imaging procedures, and enables multi-clinic mobile operations.

Key features include:

- **Multi-speed motor-driven cart** featuring three travel speeds and forward/backward mobility
- **Excellent maneuverability** and minimal floor space consumption
- **Ultra-fast processing**, utilizing state-of-the-art, Intel 386/387 32-bit microprocessors enhanced by an AMD 64-bit array processor
- **7 task simultaneity**, including data acquisition, processing and networking, achieved through a multi-processor array architecture
- **The most comprehensive software package**, covering the entire spectrum of nuclear data acquisition and processing procedures
- **Full compatibility** with other APEX models on all levels: data, software and operation
- **Superb image quality** and excellent lesion detectability through advanced detector design and optimized collimators
- **DIGITAL GUARD**, built-in optronic detector calibration, guarantees optimal digital tuning at each energy level for highly accurate single- and multi-isotope imaging
- **Excellent networking capabilities**, both local and distributed, through the high-performance ApexNet communication links
- **Ultra-high count rate performance**, coupled with an excellent uniformity and linearity along the entire detector area
- **Excellent clinical reliability**, the result of a decade of clinically-validated integrated digital imaging and processing
- **User-friendly**, multi-level operating modes to match user requirements: from one-touch protocol activation, to pop-out menus, to sophisticated command line function
- **True open software architecture**, simplifying software upgrades and modifications, employing CLIP, Elscint’s highly modular macro programming language
- **Excellent archiving capabilities**, featuring highly efficient and extremely reliable clinical data management, in both single- and multi-system configurations