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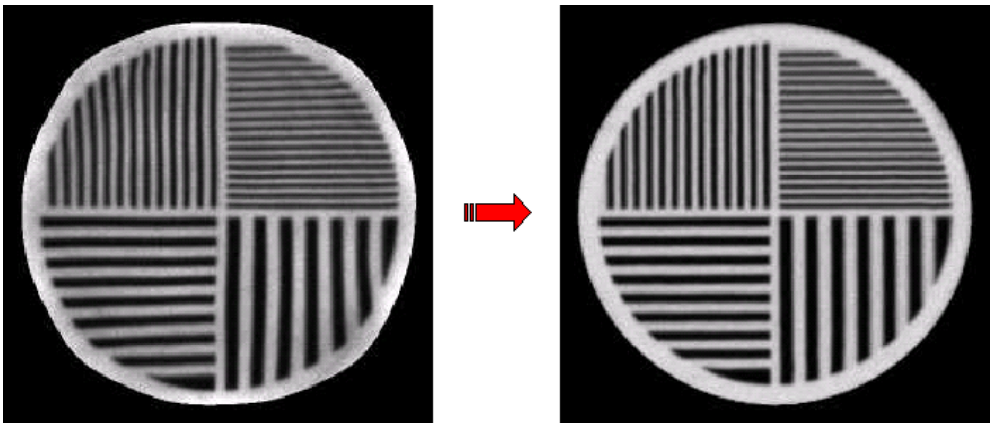
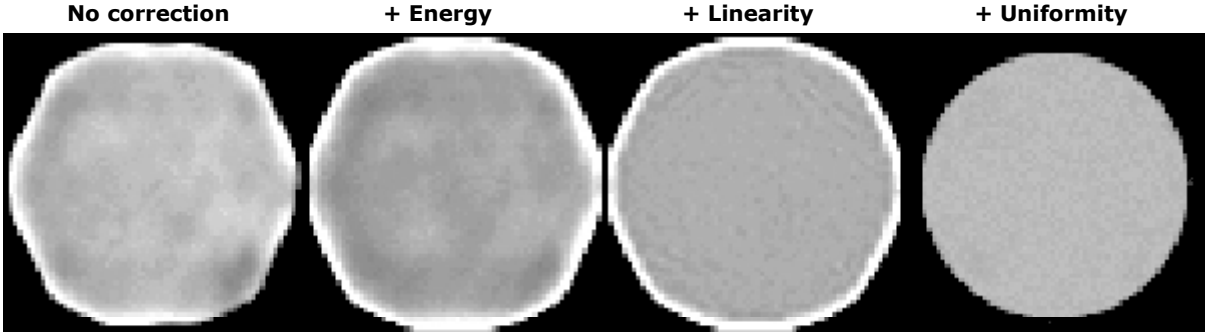
Gamma Cameras C61 and R91

REFURBISHED GAMMA CAMERAS FOR USING WITH THE IM512P/E

- The old computer and console built-in field correctors are replaced by a last generation PC.
- All field corrections and image processing are digitally done by the software at high speed. The increase in processing speed is equivalent to moving from a PC-XT at 4.77 MHz to a current PC with multi-core processor at 2GHz or more.
- Only 2 of 25 original boards are left. This reduces in more than 10 times the risk of failures due to components.
- Real time digital energy correction. Pulse height analyzer. Triple window and triple isotope. Isotope data base with peak energy and window width preset by the user.
- Real time digital linearity correction. Better than 0.4 millimeter.



- Real time digital field uniformity correction. Each isotope-collimator combination may have its own correction map. Digital iris. Uniformity quality control protocol.



- Static, Whole Body, Dynamic, Planar Gated, SPECT and Gated SPECT acquisition. Digital persistence. ECG acquisition (analog tracing and gating).
- Simultaneous acquisition and processing.
- Acquisition matrices: 64x64, 128x128, 256x256, 512x512, 1024x1024, byte or word.
- Acquisition zoom: 1, 1.25, 1.33, 1.5, 1.75, 2, 2.5, 3, 3.5, 4, 5, 6 and 7. Digital acquisition pan to center any point of de image by clicking on it.
- Real time center of rotation correction for X and Y axes. COR quality control protocol.
- Gamma camera calibration and diagnostic protocol.

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