

NMToolKit for Gamma Camera Testing



NEMA Nu-1 Hardware Test Kit for Gamma Cameras

NMToolKit (nmtk-1) is an easily transportable package that contain the following three test fixtures used for performing the following NEMA Nu-1 measurements

- System Spatial Resolution – Line source fixture with 1 mm diameter (ID) tubing and a aluminum support system to position line source 10cm from collimator with 2 positions separated by 10cm
- Reconstructed Spatial Resolution without Scatter and System Alignment – aluminum base plate (20cm x 46cm) – slotted for three capillary glass tubes (75mm separation with 50mm axial offset) with a supply of 20 cm long 1.0mm diameter (ID) glass capillary tubes
- Multiple Window Spatial Registration – 3 tungsten source holders (with locking lid) can use 2cc glass vials or 4cc plastic containers