



# NMToolKit NEMA Hardware Test Kit for Gamma Cameras

NMToolKit is designed to be a convenient transportable kit to support the measurement and reporting of gamma camera performance parameters set by NEMA (NU-1 2018)

## Hardware fixtures for the following tests:

- System Spatial Resolution (Fig. 1)
- Reconstructed Spatial Resolution without scatter and System Alignment (Fig. 2)
- Multiple Window Spatial Registration (Fig. 3)

## NEMA Processing Software

- Intrinsic spatial resolution and intrinsic spatial linearity
- Multiple window spatial registration
- Intrinsic Flood Field Uniformity
- System spatial resolution with and without scatter
- SPECT reconstructed spatial resolution with and without scatter
- SPECT Image Quality (pending)

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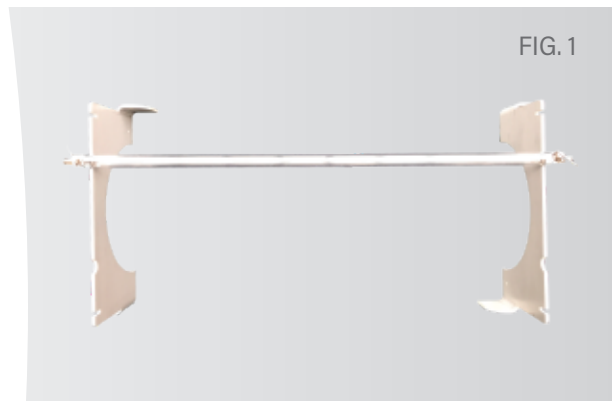


FIG. 1

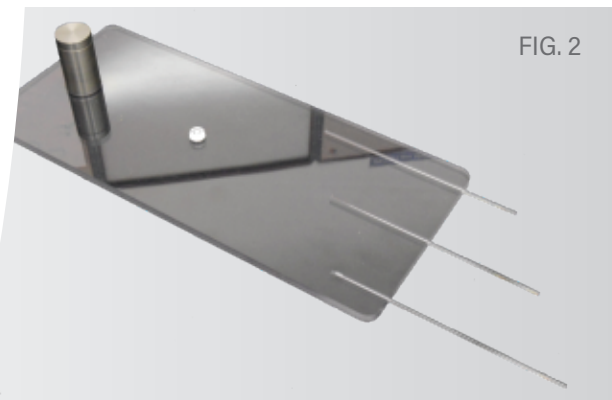


FIG. 2

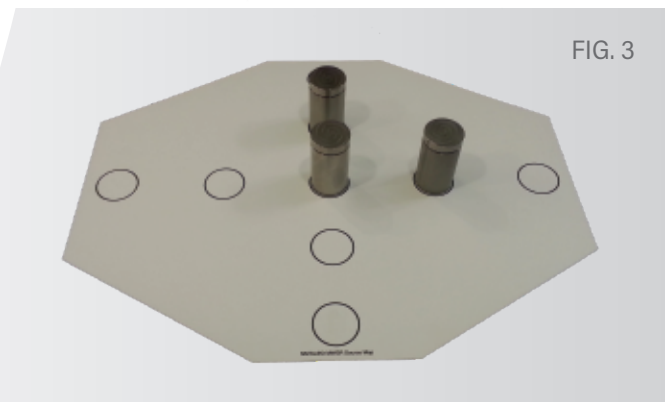


FIG. 3