**PET-CT Phantom™**

The PET-CT Phantom™ includes internal structures (3 rods and 6 spheres) which, when imaged with both modalities, can demonstrate how accurately the two image sets are aligned.

**Main Cylinder:**
- Interior length of phantom: 18 cm
- Fillable spheres (5) inner dia: 10, 13, 17, 22, 28 mm
- Distance from sphere plane to inside wall: 7 cm
- Volume of empty cylinder: ~9.7 liters

**Main Cylindrical insert**
- Dims: O.D.: 5.1 cm
- Length: 18 cm

**Top Cylinder:**
- O.D.: ~ 5.1 cm
- I.D.: ~ 4 cm
- Inside Height: ~ 8.2 cm
- Outside Height: ~ 12 cm
- Volume of empty cylinder: 408 mL

**Three Aluminum Tubes:**
- One 5 inch long: ~ 1.7 mL
- Two 7 inch (ea): ~ 2.5 mL

**Stepped Bone Ring:**
- Pre-filled with liquid bone composition, not to be opened.
- The volumes for bone ring are:
  - Outer volume: ~ 256 mL
  - Inner volume: ~ 110 mL

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**NEMA IEC PET Body Phantom Set™**

The NEMA IEC Body Phantom Set consists of a body phantom, a lung insert and an insert with six spheres of various sizes. Recommended for use in the evaluation of reconstructed image quality in whole body PET imaging.

**Dimensions:**
- 9.5” H x 12” W x 9.5” D
- Interior Length of Phantom: 180 mm
- Fillable Spheres (6) Inner Dia: 10, 13, 17, 22, 28, 37 mm
- Distance from Sphere Plane to Inside Wall: 70 mm
- Volume of empty cylinder: 9.7 L
- Cylindrical Insert Dimension: O.D: 51 mm Dia x 180 mm
- Shipping Weight: 11 lb

**Main Cylinder**:
- Interior length of phantom: 180 mm
- Fillable spheres (6): 10, 13, 17, 22, 28, 37 mm
- Distance from sphere plane to inside wall: 70 mm
- Volume of empty cylinder: 9.7 L

**Fillable Spheres**:
- (6) Inner Dia: 10, 13, 17, 22, 28, 37 mm

**Inside Height**:
- ~ 8.2 cm

**Outside Height**:
- ~ 12 cm

**Volume of empty cylinder**: ~ 9.7 L

**Cylindrical Insert**
- O.D: 51 mm Dia x 180 mm
- Shipping Weight: 11 lb

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**NEMA PET Scatter Phantom™**

The NEMA Scatter Phantom is designed to standardize the measurement of count rate performance of a scintillation camera in the presence of scatter. The high density polyethylene cylinder has a fillable line source holder parallel to the center axis of the cylinder.

- Outside Diameter: 203 cm
- Length: 70 cm
- Cylinder Hole Size: 6.4 mm
- Cylinder Hole Offset: 4.5 cm
- Line Source Dims: 5 mm O.D. x 80 cm length
- Line Source Inside Dia: 3.2 mm
- Shipping Weight: 52 lb

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**NEMA PET Sensitivity Phantom™**

The NEMA Sensitivity Phantom consists of 6 concentric aluminum tubes used to detect camera sensitivity in PET.

- Five internally stacked concentric aluminum tubes - all 700 mm in length
- 1st Tube Inside Dia: 3.9 mm
- Outside Dia: 6.4 mm
- 2nd Tube Inside Dia: 7.0 mm
- Outside Dia: 9.5 mm
- 3rd Tube Inside Dia: 10.2 mm
- Outside Dia: 12.7 mm
- 4th Tube Inside Dia: 13.4 mm
- Outside Dia: 15.9 mm
- 5th Tube Inside Dia: 16.6 mm
- Outside Dia: 19.1 mm
- 6th Innermost Tube, a fillable polyethylene tubing has an inside diameter of 1 mm and an outside diameter of 3 mm
- Shipping weight: 3 lb

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043-771 PET-CT Phantom

043-767 NEMA IEC PET Body Phantom Set

043-768 NEMA PET Scatter Phantom

043-769 NEMA 2007 PET Sensitivity Phantom