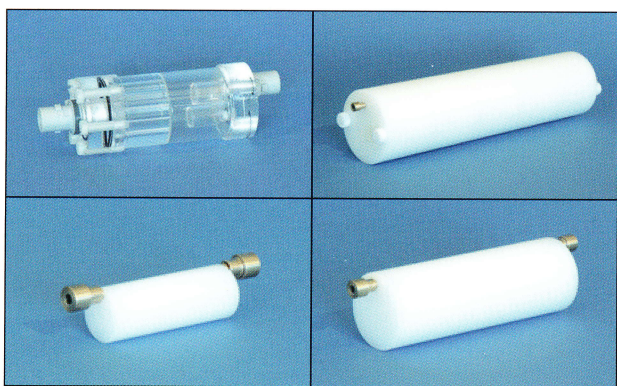


Animal PET Phantoms acc NEMA NU4-2008



Phantoms for performance measurements of animal PET systems

Features

- ▶ Image quality phantom from acrylic glass with removable lid
- ▶ 3 different sizes of cylinder phantoms from polyethylene each containing an eccentric bore hole
- ▶ Comfortable and bubble-free filling
- ▶ Complies with standard NEMA NU4-2008

The Small Animal PET Phantom is an image quality phantom for performance measurements according to NEMA Standard NU4-2008, page 21, for verification or for comparison of animal PET systems. It consists of a fillable cylindrical main chamber as upper part of the phantom, 5 fillable rods drilled through the lower solid part and 2 cold region chambers, to be filled with non-radioactive water or air, reaching into the main chamber. A removable lid is attached for easy drying. The phantom contains application adapters at both sides for bubble-free filling and emptying.

The PET Monkey Phantom, PET Mouse Phantom and the PET Rat Phantom are designed for performance measurements according to NEMA Standard NU4-2008, page 10, for verification or for comparison of count rates of animal PET systems. They consist of a phantom body manufactured from polyethylene with a precise eccentric bore hole for the line source. The line source consists of flexible micro-tube material with an application adapter for filling at one side and a ventilation adapter at the opposite side.

Ordering Information

L991421 Small Animal PET Phantom

acc NEMA NU4-2008, page 21

L991420 PET Monkey Phantom

acc NEMA NU4-2008, page 10

L991418 PET Mouse Phantom

acc NEMA NU4-2008, page 10

L991419 PET Rat Phantom acc NEMA NU4-2008, page 10

L991426 Small Animal PET Phantom Set acc NEMA
NU4-2008