**Extended Oval PET Phantom™**

**Model PET/EX-OV/P**

**Main Features:**
- The Extended Oval PET Phantom Set™ is designed to simulate the distribution of radioactivity throughout the long body torso.
- It consists of a set of two 40 cm long cylinder sections with oval shape cross section to simulate the long body torso.
- A single 40 cm section fills the axial FOV of a large camera.

**Main Applications:**
- Evaluation of cancer imaging using camera-based and dedicated PET systems.
- Measurements of contrast, signal-to-noise ratio using hot inserts.
- Evaluation of the effects of out-of field-of-view activities.
- Evaluation of attenuation and scatter correction.
- Research.

**Specifications:**
- Outside lateral dimensional of cylinder: 36 cm.
- Inside lateral dimension of cylinder: 34 cm.
- Outside anterior-posterior dimension of cylinder: 21 cm.
- Inside anterior-posterior dimension of cylinder: 19 cm.
- Wall thickness: 1 cm.
- Height of each cylinder section: 40 cm.
- Total cylinder height: 80 cm.

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