Anthropomorphic Torso Phantom™

Model ECT/TOR/P

Main Features:
- Includes large, body-shaped cylinder lung, liver and spine inserts
- Lung inserts can be filled with Styrofoam® beads and water to simulate lung tissue density
- Optional Cardiac Insert™ (Model ECT/CAR/I) may be purchased separately
- Simulates upper torso of average to large male/female patients (38 x 26 cm)
- Simulates anatomical structures and radioactivity distributions
- Optional Fillable Spine Insert available

Main Applications:
- Evaluation of cardiac ECT data acquisition and reconstruction methods
- Evaluation of non-uniform attenuation and scatter compensation methods
- Research

Specifications:
- Lateral outside dimension: 38 cm
- Lateral inside dimension: 36 cm
- Anterior-posterior outside dimension: 26 cm
- Anterior-posterior inside dimension: 24 cm
- Wall thickness: 9.5 mm

Volumes:
- Left lung (w/o Styrofoam® beads): ~ 0.9 liter
- Right lung (w/o Styrofoam® beads): ~ 1.1 liter
- Left lung (w/ Styrofoam® beads): ~ 0.36 liter
- Right lung (w/ Styrofoam® beads): ~ 0.44 liter
- Liver: ~ 1.2 liters
- Background: ~ 10.3 liters
- Cylinder with lung-spine insert: ~ 7.4 liter

Transmission CT