

Anthropomorphic Torso Phantom™

Model ECT/TOR/P

Main Features

- Includes large, body-shaped cylinder with lung, liver and spine features
- Lung inserts can be filled with polystyrene 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 (380 × 260 mm)
- Simulates anatomical structures and radioactivity distributions
- Optional Fillable Spine Insert (Model ECT/FIL-SPINE/I) and Liquid Bone filled (Model ECT/BONE-SPINE/I) are available

Main Applications

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

Specifications

All clear material: PMMA

Lateral outside dimension: ~ 380 mm

Lateral inside dimension: ~ 360 mm

Anteroposterior outside dimension: ~ 260 mm

Anteroposterior inside dimension: ~ 240 mm

Wall thickness: ~ 9.5 mm

Volumes:

Empty: ~ 13.4 liters

Left lung (w/o polystyrene beads): ~ 0.9 liter

Right lung (w/o polystyrene beads): ~ 1.1 liters

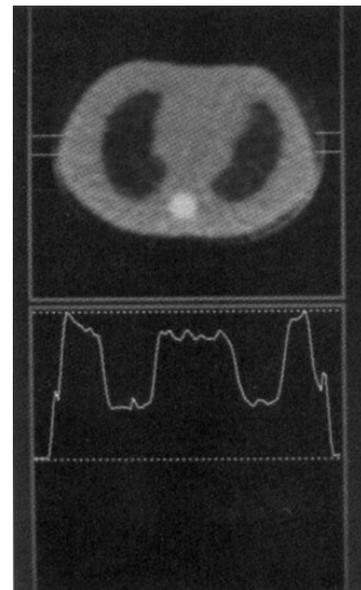
Left lung (w/ polystyrene beads): ~ 0.36 liter

Right lung (w/ polystyrene beads): ~ 0.44 liter

Liver: ~ 1.2 liters

Background: ~ 1.2 liters

Cylinder with lung-spine inserts: ~ 7.4 liters



Transmission CT

Shipping

Carton: 16" x 16" x 16"

Weight: 14lbs.

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Frontal view
Shown with optional Cardiac Insert™

Bottom view
Shown with optional Cardiac Insert™

