

Anthropomorphic Torso Phantom™



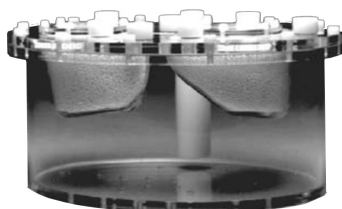
- Includes large, body-shaped cylinder lung, liver and spine inserts
- Lung inserts can be filled with Styrofoam® beads and water to simulate lung and tissue density
- Optional Cardiac Insert available (043-777)
- Simulates upper torso of average to large male/female patients (38 x 26 cm)
- Simulates anatomical structures and radioactivity distributions
- Optional Fillable Spine Insert available

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 liter
Background:	~ 10.3 liter
Cylinder with lung-spine insert:	~ 7.4 liter

043-795 Anthropomorphic Torso Phantom

Elliptical Lung-Spine Body Phantom™



- Includes spine and fillable lung inserts
- Lung inserts can be filled with Styrofoam® beads and water to simulate lung tissue density
- Optional Cardiac Insert available (043-777)
- Simulates anatomical structures and radioactivity distributions in upper torso of human
- Optional body contour rings may be purchased separately

Specifications:

All clear material: PMMA
Cylinder inside diameter: 21.6 cm
Cylinder inside diameter along major axis: 30.5 cm
Cylinder inside diameter along minor axis: 22.1 cm
Cylinder inside height: 18.6 cm
Cylinder wall thickness: 6.4 mm

Volumes:

Empty cylinder:	~ 9.5 liters
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
Volume of cylinder with Lungs:	~ 7.4 liter

043-740 Elliptical Lung-Spine Body Phantom

Cardiac Phantom Insert™



- Designed to be used with the various Data Spectrum circular and elliptical cylinders, Elliptical Lung-Spine Body Phantom™ and the Anthropomorphic Torso Phantom™
- Simulates normal and abnormal myocardial uptake and radioactivity in left ventricular chamber
- Solid inserts simulate transmural and non-transmural cold abnormalities
- Fillable inserts can be used to simulate transmural and non-transmural cold or hot abnormalities

Specifications:

Cardiac Insert	
“Ventricle” overall length:	9.3 cm
“Ventricle” overall diameter:	6.1 cm
“Myocardium” thickness:	1.0 cm
“Myocardium” volume:	~ 110 ml
“Ventricle” volume:	~ 60 ml

Solid Defect Set

1. 60° x 2 cm
2. 45° x 1.5 cm
3. 60° x 2 cm, with 5 mm wall thickness (non-transmural defect)

Fillable Defect Set

1. 180° x 2 cm..... ~ 13 ml
2. 90° x 2 cm ~ 5.4 ml
3. 45° x 2 cm ~ 3.8 ml
4. 45° x 2 cm, with 5 mm thick chamber*..... ~ 1.4 ml

043-777 Cardiac Phantom Insert