Cardiac Insert with Fillable & Solid Defect Sets™

Model ECT/CAR/I

Main Features

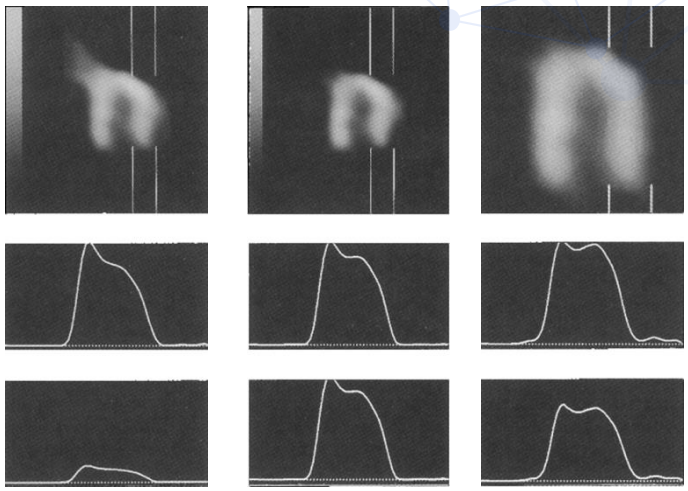
- Designed to be used with the various Data Spectrum circular and elliptical cylinders, the Elliptical Lung-Spine Body Phantom™, and the Anthropomorphic Torso Phantom™
- Simulates normal and abnormal myocardial uptake and radioactivity in left ventricular chamber
- Solid inserts simulate transmural and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

Main Applications

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

Cardiac Insert™ shown with Fillable Defects Set™

SPECT scans with Cardiac Insert™



No Attenuation Correction | *Uniform Attenuation Map* | *Non-Uniform Attenuation Map*

Specifications

All clear material: PMMA
Cardiac Insert fillable regions:
Ventricle length: 71 mm
Ventricle volume: 62 mL
Diameter: ~ 35 mm
Myocardium thickness: 10.3 mm
Volume: 121 mL

Solid Defect Set:

1. 60° × 20 mm
2. 45° × 15 mm
3. 60° × 20 mm, with 5 mm wall thickness (non-transmural defect)

Fillable Defect Set:		**Volume:**
1.	180° × 20 mm	10.3 mL
2.	90° × 20 mm	5.2 mL
3.	45° × 20 mm	2.6 mL
4.	45° × 20 mm, with 5 mm thick chamber*	1.7 mL

**Only the outer half of the 4th defect (non-transmural) is fillable. Each insert can be installed individually.*

Shipping

Carton: 12” x 9“ x 6” Weight: 5lbs.