

PH-1C | 41337-300 / 41337-400

Pediatric Chest Phantom

Dosimetry

CT

X-ray



A phantom representing a five-year-old for practicing and performing imaging and dosimetry



SHOW MORE!



FEATURES

- | Two types of interchangeable lung inserts are included
–lung vascular insert and lung density insert
- | Pencil-shaped ion chamber for CTDI can be set in the mediastinum
- | TLD or RPL dosimeters can be set in the thyroid block and the lung density insert
- | Detachable internal structure allows insertion of variety of pathologies and targets

APPLICATIONS

- | CT
- | Plain X-ray
- | Dosimetry
- | Radiographic interpretation

ANATOMY

Rib, clavicle, spine, mediastinum, scapula, sternum and *pulmonary vessel

*lung vascular insert only

TLD or RPL dosimeters can be set in the thyroid block



DESCRIPTIONS

SET INCLUDES

| | |
|---|------------------------|
| 1 five-year-old chest torso | 1 set of sample images |
| 1 lung vasculature insert: mediastinum with pulmonary vessels | 1 storage case |
| 1 lung density insert: mediastinum, lung fields (L · R)** | 1 manual |

** 41337-300 only

MATERIALS

Soft tissue: urethane based resin (density: 1.06)
Synthetic bone: epoxy resin (density: 1.52)
*Phantom has no metal parts or liquid structure

SPECIFICATIONS

| | |
|--|---|
| Phantom size: W32×D17×H38 cm W12.6×D6.7×H15 in | Packing size: W51×D43×H45 cm W20×D17×H17.7 in |
| Phantom weight: 6 kg / 13.3 lb | Packing weight: 14 kg / 30 lb |