

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



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## 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:     | Packing size:   |
| W32×D17×H38 cm    | W51×D43×H45 cm  |
| W12.6×D6.7×H15 in | W20×D17×17.7 in |
| Phantom weight:   | Packing weight: |
| 6 kg / 13.3 lb    | 14 kg / 30 lb   |