PH-2C 41350-300

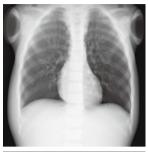
Pediatric Whole Body Phantom "PBU-70"





This phantom representing a five-year-old child is easy to position, and provides complete bone images for every joint











FEATURES

- | Radiology absorption and HU number approximate to human body
- | Main joints have close-to-human articulation
- | Phantom can be disassembled into 10 individual parts

APPLICATIONS

| Plain X-ray

I CT

| Basic patient positioning

ANATOMY

Bony Structure

skull / spine/ clavicles / scapulae / ribs / sternum / coxal bones / humerus / antebrachial bone / bones of hand / femur / patella / lower leg bone / bones of foot

HU numbers of each organ:

liver 70 kidney 30

Internal organs

lung with pulmonary vessels / trachea (up to primary bronchi) / heart / liver with portal and hepatic veins

Position of Hands and feet

left foot: plantar flexion right foot: dorsiflexion left hand: aligned fingers right hand: spread fingers

DESCRIPTIONS

SET INCLUDES

1 pediatric whole body phantom 1 screwdriver

I head supporter 1 set of sample X-ray data (DVD)

1 hand fixture belt manual

SPECIFICATIONS

Phantom height: Packing size:

110 cm W86×D60×H32 cm 43.3 in W33.8×D23.6×H12.6 in

Phantom weight: 20 kg / 44 lb

MATERIAL

Soft tissue: urethane based resin (density: 1.06) Synthetic bone: epoxy resin (density: 1.31) Skull: epoxy resin (density: 1.11)

*Phantom has no metal parts or liquid structure

OPTIONAL PARTS

41363-080

storage case for PH-2C / 2D

PUBLICATION REFERENCES Söderberg, M., & La, S. (2013). Evaluation of adaptation strengths of CARE Dose 4D in pediatric CT. SPIE Medical Imaging, 9-14. doi:10.1117/12.2001694



