

PH-2 | 41350-000

# Whole Body Phantom "PBU-50"



An essential asset for every radiography program

ANTHROPOMORPHIC PHANTOMS



## 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
- | Basic patient positioning
- | Basic CT

## ANATOMY

skull / spine / clavicles / scapulae / ribs / sternum / coxal bones / lungs with pulmonary vessels / trachea (up to primary bronchi) / heart / liver with portal and hepatic veins / kidneys / humerus / antebrachial bone / bones of hand / femur / patella / lower leg bone / bones of foot

### Position of Hands and feet

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

## DESCRIPTIONS

### SET INCLUDES

1 whole body phantom	1 hand-fixture belt
1 head supporter	1 set of sample X-ray data (DVD)
1 flat head screwdriver	manual

### SPECIFICATIONS

Phantom height: 165 cm 65 in	Packing size: W92×D57×H38 cm / W36×D22×H15 in W90×D63×H22 cm / W35×D25×H8.7 in W89×D57×H16 cm / W35×D22×H6.3 in
Phantom weight: 50 kg / 110 lb	Packing weight: 80 kg / 176 lb

### MATERIALS

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

41363-070	storage cases (consist of 2 boxes)
41350-200-16	body plates for PH-2/2B (BMI 32)
41350-200-17	body plates for PH-2/2B (BMI 40)

### PUBLICATION REFERENCES

P. Kaewpookum, M. Kraekratok, C. Thirinthong, a J. Yasamud, T. Siriwiladluk, P. Sisot, P. Khayaiwonga, The Evaluation of the Correlation between Radiographic Exposure Technique and Entrance Surface Air Kerma using Exposure Index from Computed Radiography Ramkhamhaeng International Journal of Science and Technology (2020) 3(2): 24-30

Storage case P.31 ▶

