

Whole Body Phantom PBU-50

Product No. **PH-2**



The Whole body phantom PBU-50 is a life-size, full body anthropomorphic phantom with a state-of-the-art synthetic skeleton, lungs, liver, mediastinum and kidneys embedded in KYOTOKAGAKU original soft tissue substitute. Movable joints allow basic positioning for plain X-ray and training/research applications can be enriched by disassembling the phantom into 10 individual parts (head, limbs and trunk). The phantom have no metal parts or liquid structures.



Anatomy:
 Life size synthetic skeleton
 Hands and feet with bone trabeculae
 Lungs with pulmonary vessels
 Mediastinal space
 Liver
 Kidneys



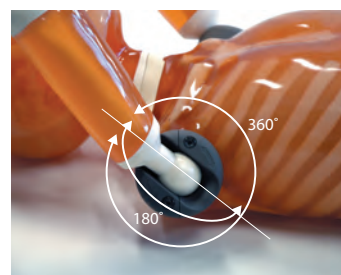
Frog leg position



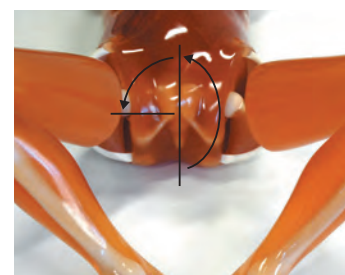
An adjustable head supporter comes with the set, facilitating various head position setting.

Main joints have close-to human articulation, allowing various positioning for training.

Improved shoulder joint system to take arm-up position.



Shoulders: rotate through a full 360 degrees in the sagittal plane, approx. 180 degrees to side-ways.



Hip joints: rotate forward up to approx. 90 degrees, then abduct up to 45 degrees each.

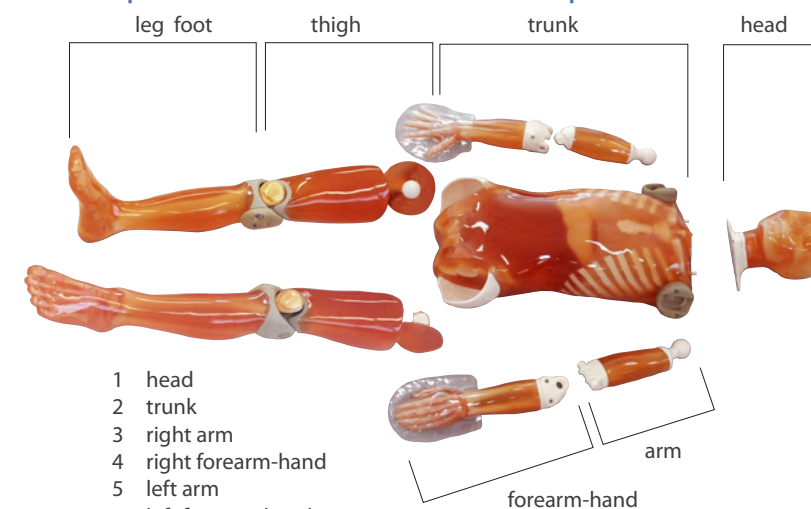


Elbows: bend up to approx. 90 degrees.



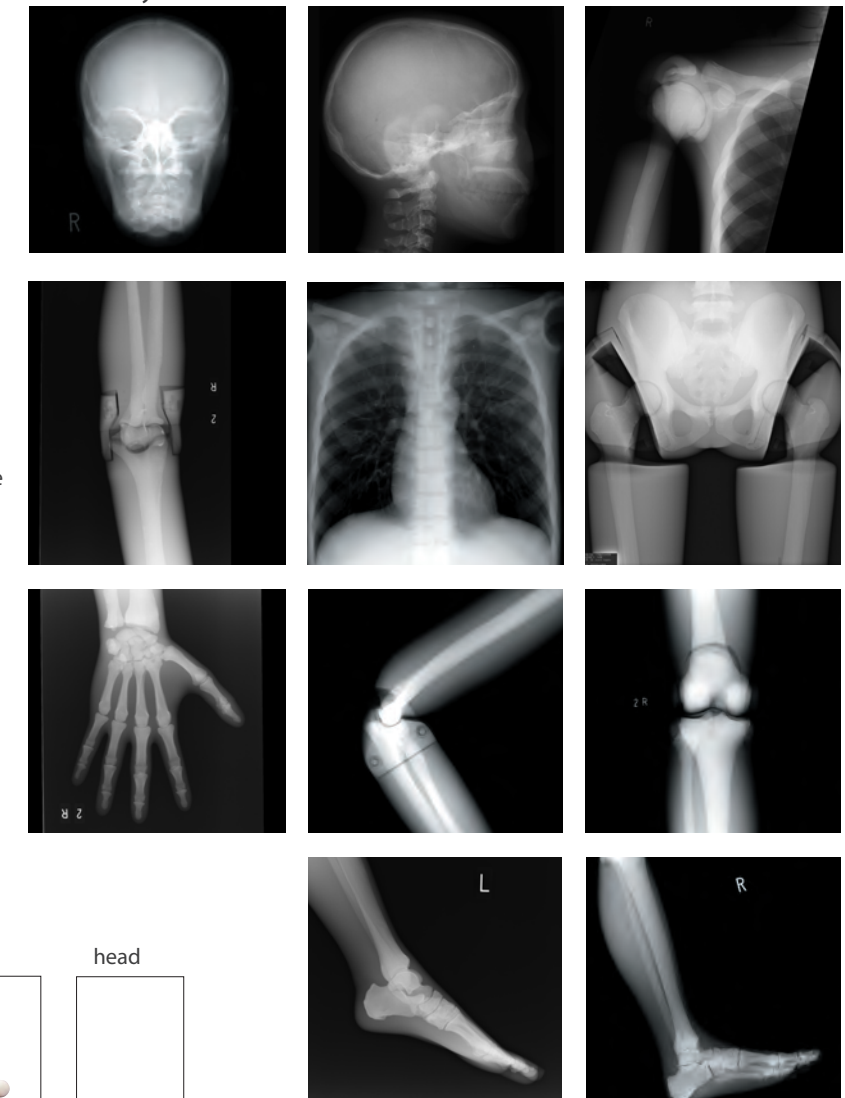
Knees: bend up to approx. 90 degrees.

The phantom can be disassembled into 10 parts.

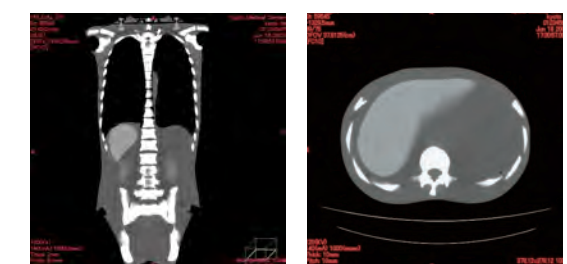


- 1 head
- 2 trunk
- 3 right arm
- 4 right forearm-hand
- 5 left arm
- 6 left forearm-hand
- 7 right thigh
- 8 right leg / foot
- 9 left thigh
- 10 left leg / foot

Plain X-ray



CT



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