

Wholehuman Body Phantom for X-Ray CT and MRI Training (adult)

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Product code: FR02631



The full-form radiological phantom of an adult is a training product compatible with X-ray, CT and MR. It consists of a total of 10 parts. Designed to train various patient positioning techniques. It is popular among Medical Universities, Medical Schools and Clinical Hospitals to effectively train its radiology students and doctors. Other uses include several educational applications as well as visual assessment for optimal scanning conditions. The model of this phantom is based on the full body of an adult male that weighs approximately 70 kg and is 175 cm tall. Due to its complex anatomy and realistic appearance, imaging outperforms other similar products on the market that offer similar functions and applications.

General description:

- Anatomically correct whole body divided into 10 parts
- Realistic material imitating body tissues, compatible with CT and MR imaging.
- Useful for training / performing several patient positioning techniques in radiology.
- Full mobility in the joints: the arms can be rotated 360 degrees around the axis and moved 180 degrees.
- Movable hip joints, knees and elbows (full range of motion)
- Detachable head, torso and limbs.
- The bones have a realistic three-layer structure with internal porosity that can be adjusted according to the requirements of a particular project.
- Adaptable to various pathologies (lesions, tumors, infections, bleeding, other abnormalities) upon request.
- The phantom can be ordered in a transparent (transparent) or leather-colored version.
- Head: has an anatomically correct skull, realistic brain, gray and white matter, cervical spine, frontal sinuses, realistic air cavities in the phantom, Acoustically correct material imitating skin
- Upper limbs: all bones can be imaged - collarbone, scapula, humerus, ulna, radius, hand bones, Acoustically correct material imitating skin
- Lower limbs: all imaging bones - femur, tibia, fibula, tarsus, metatarsus, phalanges of the foot, Acoustically correct material imitating skin
- Remaining bones: ribs, spine, pelvis
- Organs and organs: trachea, heart, aorta, abdominal aorta, common iliac artery, external and internal iliac artery, renal arteries, lungs, liver arteries, liver, kidneys, large and small intestine, bladder

Additional information:



- Length about 175cm
- Weight: approx. 70 kg
- Transport case
- Set includes: full-body manakin (10 pieces), instructions, presentation video, protective case