

CT Torso Phantom Specification

Notice Handle the phantom carefully. It is very fragile and heavier than it looks.

Figuration: This phantom is made with the substance in which the embedded artificial bone made from Japanese male skeleton model is. It is the torso style, whose both arms are cut at the shoulder in the rising position, and both legs are cut at the crotch.

Material : Urethane base resin(SZ-50) (Soft tissue and organs)
Epoxy base resin (Synthetic bones)

Weight : Approx. 45 kg

Internal Organs		Hounsfield Number*	Note
Soft tissue around each organ		Approx. -8	
Brain	Whole	Approx. 40	
	Brain Ventricle	Approx. 10	
Eye Balls		Approx. 20	
Aorta		Approx. 40	
Grate Vein		Approx. 40	
Trachea	Up to the first branch	Approx. -800	It is made with the foamed urethane to the first branch, and with the pipy material to the third branch.
	The second -the third branch	Approx. -8	
Heart		Approx. 40	
Pulmonary Blood Vassal		Approx. -8	It is made up to the fourth branch
Cartilage in Costae		Approx. 90	
Liver	Whole	Approx. 70	The portal and vein are embedded
	Vein	Approx. 40	
Gallbladder		Approx. 20	
Pancreas		Approx. 30	
Spleen		Approx. 50	
Kidney	Whole	Approx. 30	
	Vein	Approx. 40	
	Urethra	Approx. 10	
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Urinary Bladder		Approx. 10	

*The Hounsfield Number above is indicated only as a guide and might be different from the actual measured number under the various condition.