

## DECT Abdomen Phantom Specification

Material : Urethane resin (soft tissue) , epoxyn resin (bones) , etc.

Weight : appr. 12 kg

Configuration

Organs (tissues that make up organs)		assumed CT value※	remarks
soft tissue around each organ		8	
heart		40	
liver	(entire)	70	Uses soft tissue equivalent material (liver) for DECT Encloses veins & portal veins (equivalent to 13mg/ml)
	blood vessel	13mg/ml	
aorta		13mg/ml	Uses DECT water equivalent material and NaI
vena cava		13mg/ml	Uses DECT water equivalent material and NaI
pancreas		30	
gallbladder		20	
stomach		20	
spleen		50	
kidney	(entire)	30	
	renal pelvis	40	
duodenum		20	
colon		20	
rib cartilage		90	
psoas		20	

※ The above CT value is set as a guideline and may differ from the actual value depending on the screening conditions.

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