

Information about product price on demand

#### Parameters

Phantoms and simulators

Quantitative unit

Rentgenové fantomy

ks

- Detailed description

A One-piece anthropomorphic torso phantom with anatomical structures allows various CT approaches including helical scanning. Along with state-of-the-art synthetic bones, brain with cerebral ventricles, eye balls, lungs with three-dimensional pulmonary vessels, trachea, liver with portal and hepatic veins, kidneys, gallbladder, pancreas, spleen, aorta, cava, ureter, urinary bladder, prostate, rectum, sigmoid colon are

embedded. Each individual organ has particular Hounsfield number which corresponds that of human body.

KYOTOKAGAKU original phantom material with radiation absorption approximate to human tissue allows scanning under actual clinical setting.

**Set includes:**

- 1 CT Torso Phantom CTU-41: life size, male  
Included structures:
  - Synthetic bones with cartilage: artificial skull, vertebra, clavicles, ribs, sternum,scapula, coxal bones, femurs
  - Brain with cerebral ventricles
  - Eye balls
  - Lungs with pulmonary vessels (up to the forth bifurcations)
  - Trachea (up to the third bifurcations)
  - Liver with portal and hepatic veins
  - Kidneys
  - Gallbladder
  - Pancreas
  - Spleen
  - Aorta
  - Ureter
  - Urinary bladder
  - Prostate
  - Rectum
  - Sigmoid colon
  - Ascites
- 1 set of sample X-ray films

**Materials:**

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

**Phantom size:**

approx. 100 cm height

**Phantom weight:**

approx. 45 kg

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