

PH-4 - CT Torso Phantom CTU-41

Order code: **4103.PH-4**



Information about product price on demand

Parameters

Phantoms and simulators

Quantitative unit

Rentgenové fantomy

ks

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