

Anthropomorphic Pediatric Thorax and Abdomen

QRM-Pediatric-Phantoms

Anthropomorphic thorax and abdomen phantoms in the size of an infant 150 x 100 mm² (breast measurement of 414 mm).

QRM-Pediatric-Thorax comprises artificial lung lobes, a spine insert, and shell of soft tissue equivalent material.

QRM-Pediatric-Abdomen comprises a fixed liver and spleen insert, a spine insert, and shell of soft tissue equivalent material. It is available as well in a full body version (without liver and spleen).

The plastics used in these antropomorphic phantom mimic human tissues with respect to density and X-ray attenuation characteristics of the human thorax and abdomen.

The phantoms can be delivered as well with an additional bore hole of 50 mm diameter at the hear/stomach position to adapt different inserts.

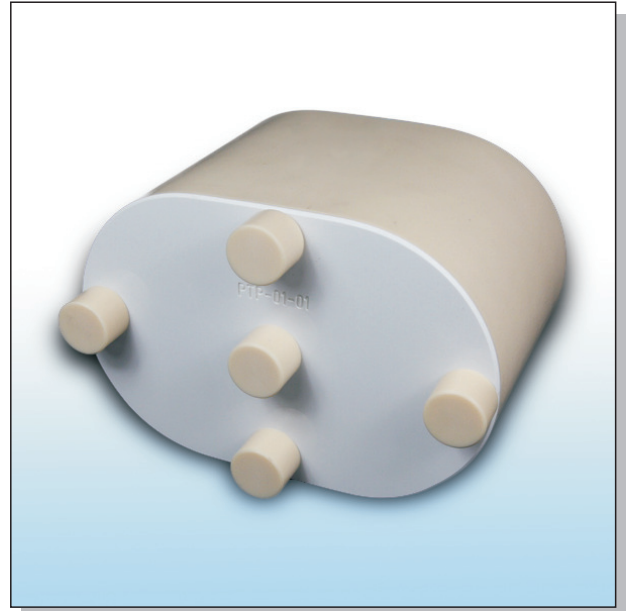
The QRM-Pediatric-Phantom is also available with drilled holes according to CTDI-specifications for dosimetry purpose or to add different contrast inserts as CaHA or iodine.

Specifications

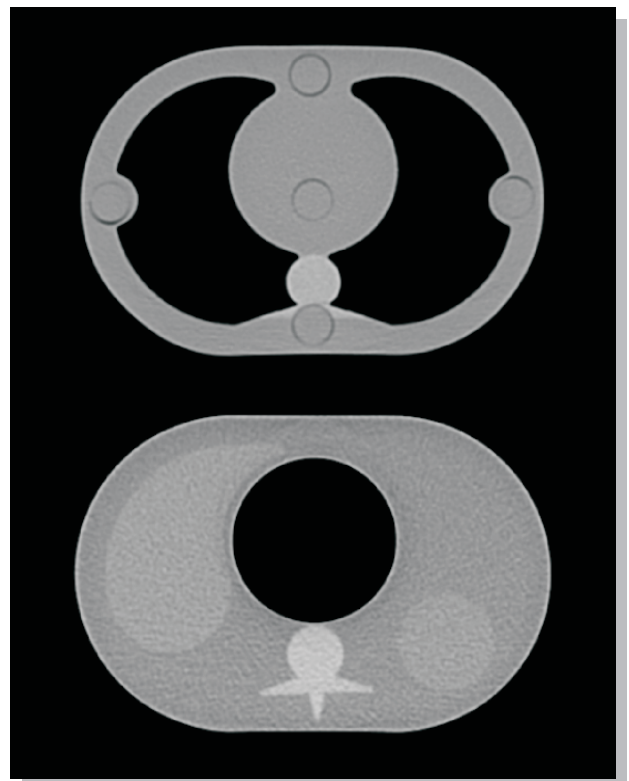
Phantom body 100 x 150 mm
Phantom length 100 mm
Phantom weight 1.2 / 1.6 kg

Material: tissue 35 HU (120 kV)
lung app. -800 HU
liver / spleen 55 HU (120 kV)

Bore hole for insert upon request 50 mm



QRM-Pediatric-Thorx / Abdomen



CT-scan of pediatric thorax and abdomen