



## **Anthropomorphic Thorax Phantom**

The Thorax Phantom is suitable to use as an anthropomorphic surrounding for several standard imaging inserts for investigation of the influence of scan parameters in CT.

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

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

It consists of a standard bore hole with diameter of 100 mm. Multiple standard cylinders for image quality purposes are available. Please have a look at the product section: Image Quality and Dose at www.qrm.de.

The QRM-Thorax is also available with drilled holes according to CTDI-specifications for dosimetry purpose.

## **Specifications**

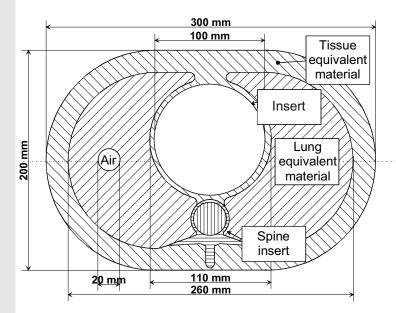
Phantom weight (total)	2740 g
Dimensions	200 x 300 mm
Diameter of bore hole	100 mm
Height of phantom	100 mm

Base material ..... tissue equivalent resin (@ 120 kV) Lung ...... app. -800 HU Spine ...... bone like (corticalis / spongiosa)

Extension Rings (e.g. Fat Rings) are available upon request!



QRM-Thorax



Sketch of the complete Anthropomorphic QRM-Thorax. The depth of the phantom is 100 mm.