

Oval Phantom Body

The QRM-Oval-Phantom-Body is suitable to use as an semi-anthropomorphic surrounding for several standard imaging D100 inserts to investigate the influence of scan parameters in CT or FD-CT.

The oval phantom body comprises a shell of soft tissue equivalent material.

The plastic used in this semi-anthropomorphic phantom mimics human soft tissues with respect to density and X-ray attenuation characteristics of a human body.

It provides a centrally placed 100 mm diameter bore hole to place multiple standard test cylinders for image quality purposes. To learn more about the appropriate inserts please have a look at the product section: Image Quality and Dose on www.qrm.de!

The QRM-Oval-Phantom-Body is also available with drilled holes according to CTDI-specifications for dosimetry purposes.

Specifications

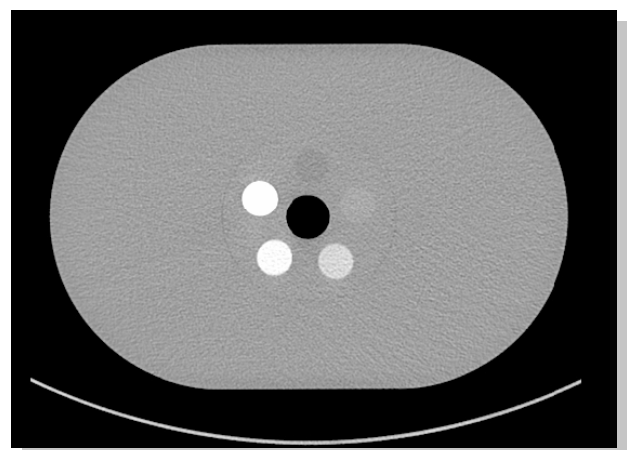
Phantom weight (total) 2600 g
 Dimensions 200 x 300 mm²
 Diameter of bore hole 100 mm
 Height of phantom 100 mm

Base material tissue equivalent resin
 (38 HU ± 3 HU at 120 kVp)

Obese extension Rings (e.g. fat or tissue equivalent rings) are available upon request! Visit www.qrm.de for additional information.



QRM-Oval-Phantom-Body



*CT-scan of the phantom at 120 kVp
 (as an example an Electron Density Phantom (EDP)
 is placed in the central 100 mm bore hole)*