

GAMMEX



DIAGNOSTIC RADIOLOGY



Head/Body CT Phantom

GAMMEX 461A

The Gammex 461A Head/Body CT Phantom provides a set of tools for evaluating CT image quality. The main modules are constructed of Solid Water®. This permits testing without the difficulties of filling phantoms with water. The set of standard inserts is sufficient for many users. The Gammex 461A comes complete with a custom carrying case.

Features Include:

- Head Module of a uniform disc of Solid Water® Material
- Ring of Bone mimicking material that mounts around the head module
- Body scanning module, body annulus is mounted on the head module.
- The head has 5 tapered cavities which accept tapered inserts and the body annulus ring has 4 cavities, providing a total of 9 test positions.



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SPECIFICATIONS

Phantom Construction Solid Water® Material

Inserts Included:

- (9) Uniform Solid Water® inserts for measurement of Noise, CT Number, and Uniformity
 - (1) Edge/Contrast Scale Response
 - (1) Spatial Resolution (1.50 to 0.4 mm at 100% contrast)
 - (1) Low Contrast Detectability (0.6%)
 - (1) Alignment Artifact (Aluminum Pin)
 - (4) Alignment, Slice Thickness, Phantom Position
 - (2) Slice Thickness and Sensitivity Profile 2:1 Slope (26.6° Slope)
 - (2) Beam Hardening Artifact (Simulated Bone)
 - (6) Linearity
- Case Size 70x41x22 cm (24x16x8 in)
 Weight. 16.2 kg (35.7 lbs)



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