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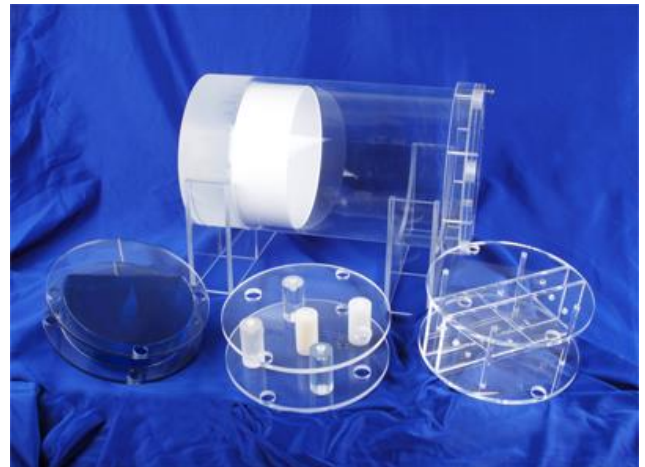
Your Alternative
To The Obvious

Model L-610 AAPM CT Performance Phantom

Introduction

The Ludlum CT Performance Phantom is a modular phantom that provides the user with an efficient method to evaluate the performance of their CT scanners. The 'one' phantom allows for testing of a full range of performance parameters like, Noise, Spatial Resolution, Low and High Contrast, Slice Thickness, Alignment and Linearity. The phantom design is based on the guidelines provided in AAPM Report #1.

The phantom is made up of an acrylic Source Tank and several resolution inserts. The Inserts include a Linearity High Contrast Insert, Beam Width Insert, Low Contrast Insert and a Resolution Insert, along with an External Resolution and Noise Ring. Additionally an 8.0" ID Teflon® ring, positioned at the base of the tank, is designed to simulate bone density.



Specifications

Source Tank: 8.5" OD x 8.0" ID x 12.75" L

Linearity/Contrast Insert: 7.5" OD x 2.5" L

Resolution Insert: 7.5" OD x 2.5" L

Beam Width Insert: 7.5" OD x 3.5" L

Low Contrast Insert 8.5" OD x 3.75" L

External Whole Body Ring 12" OD x 8.5" ID x 2.5" L

Teflon Band (Bone Ring) 8.0" ID x 0.25 Thick

Weight: 17.25 Lbs.

Options

Model L-610CS Case