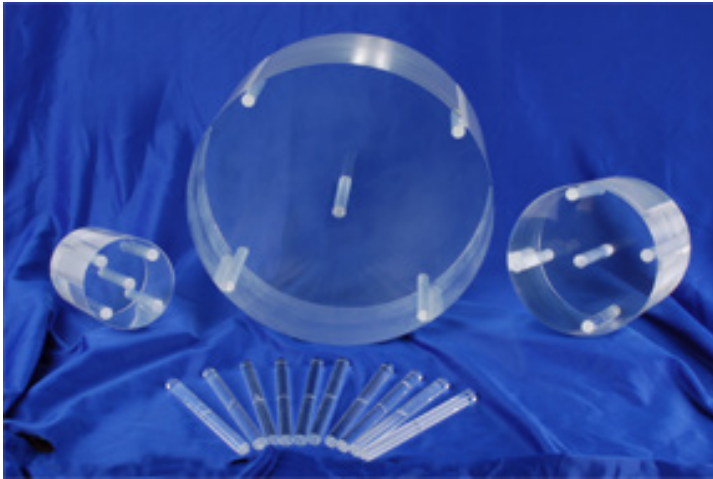


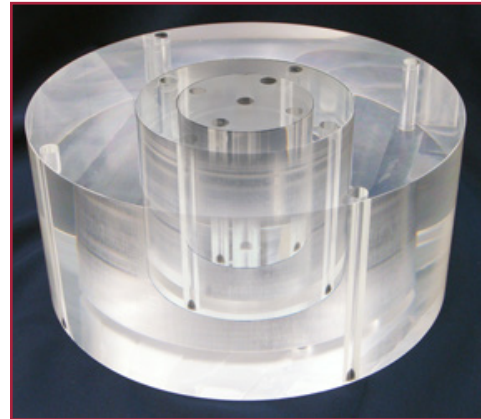
Model L-007 Series and CTDI Phantoms and Accessories



Ludlum Measurements, Inc.



Model L-007CT Head/Body CTDI Phantom Part Number 99-9418



Model L-007N Nested Head/Body CTDI Phantom Part Number 99-9017

Introduction

The Ludlum CT Head/Body/Pediatric CTDI (Computed Tomography Dose Index) Phantom, in combination with a specialized CT-ion chamber, provides a means of determining the approximate dose to the patient for a given series of scans. The CT Head/Body (and Pediatric) phantoms are design in accordance with the FDA standard (21 CFR 1020.33) for diagnostic X-ray units, specifically as applied to CT systems. The CTDI sets are available in standard or nested configurations.

These phantoms can be used with any CT system and may be used to image and monitor adult head and body, as well as pediatric dose requirements. The phantom sets consist of a group of head, body and pediatric acrylic sections with five probe holes in each section. Acrylic rods are provided to seal the unused holes.

Parts

Separated Section and Nested Phantom Specifications [Shipping weight may vary based on materials used]

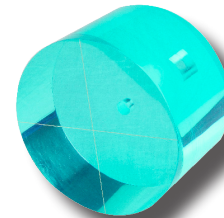
Model L-441 Head CTDI Phantom 15 cm height; 16 cm diameter; weight 3.6 kg (8lb) (shown right)

Model L-451 Body CTDI Phantom 15 cm height; 32 cm diameter; weight 14.5 kg (32 lb)

Model L-491 Peds CTDI Phantom 15 cm height; 4 cm diameter, weight 1.4 kg (3 lb)

Holes in Phantom 1.31 cm diameter

Note: Nested Phantom has 0.6 cm plate on bottom to keep separate sections from falling through



Model L-3009 CT Dose Probe pencil-type ion chamber 3.14 cm³ chamber for use with the Ludlum CTDI phantoms, has homogeneous response throughout 10 cm sensitive length

Model	Description	Part Number
Model L-441	Separate CTDI Head Phantom	99-9415
Model L-451	Separate CTDI Body Phantom	99-9416
Model L-491	Separate Pediatric CTDI Phantom	99-9417
Model L-007CT	Complete Set of Separate Sections Ct Phantom	99-9418
Model L-007N	Complete Set of Nested CT Phantoms	99-9017
Model L-007N-2	Nested Phantom Head & Body Only	99-9439
Model L-007	Set of 5 Replacement Rods for either Nested or Separate CT Phantoms	99-9452
Model L-007CS	Large Wheeled Case for Separate head, Body, Pediatric Phantoms	99-9018
Model L-007NCS	Medium Case for Nested Ct Phantom Set	99-9017

Feb 2017

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Note: specifications subject to change without notification. We are not responsible for errors or omissions.