

3D Sectional Torso Phantom

Model 600



INCLUDES 12 INTERNAL ORGAN TISSUES

The CIRS Model 600 Anthropomorphic Torso Phantom is designed to simulate an average torso (22 cm anterior-posterior thickness) for training and quality assurance testing in medical imaging and dosimetry. The epoxy materials used to fabricate the phantom provide optimal tissue simulation between the Diagnostic and Therapy energy range (40 keV to 20 MeV).

Unlike other cross-sectional dosimetry phantoms, the Model 600 includes internal organ structures such as the lungs, heart, liver, kidneys, spleen and pancreas. All simulated organs match the tissue density of actual organs and can be clearly visualized.

The lower portion of the phantom contains a soft bolus material simulating a mix of 30 percent adipose and 70 percent muscle tissue. Simulated muscle material layers the rib cage and vertebral column. The exterior envelope simulates a mix of 43 percent adipose and 57 percent muscle tissue. Standard phantoms consist of 25 mm thick contiguous sections.

Features

- Includes internal organ structures
- Ideal for QA and training purposes when specific internal organs are of interest
- Usable on any X-ray imaging or treatment device

900 Asbury Ave • Norfolk, Virginia 23513 • USA
Tel: 800.617.1177 • 757.855.2765 • Fax: 757.857.0523

WWW.CIRSINC.COM

CIRS

Tissue Simulation & Phantom Technology

PEO B.V.

info@gotopeo.com
www.gotopeo.com

The Netherlands

Havenweg 16, 6603 AS Wijchen
+31 (0)24 648 86 88

Belgium

Watermolenstraat 2, B-2910 Essen
+32 (0)3 309 32 09

CoC 34107894

VAT NL807859151B01

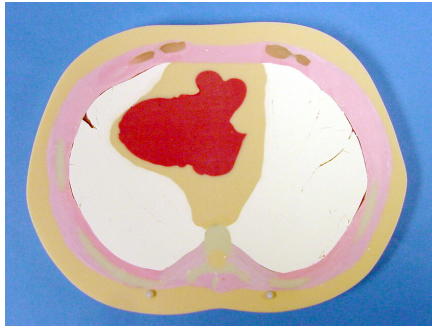
IBAN NL29 RABO 0356 1960 46

BIC RABONL2U



3D SECTIONAL TORSO PHANTOM

Model 600



Heart Level Section



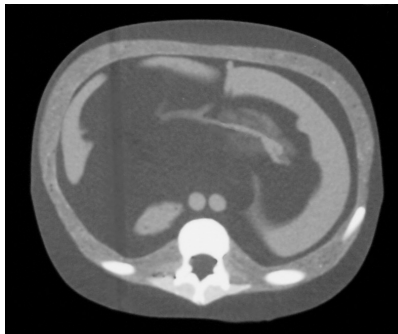
Liver Level Section



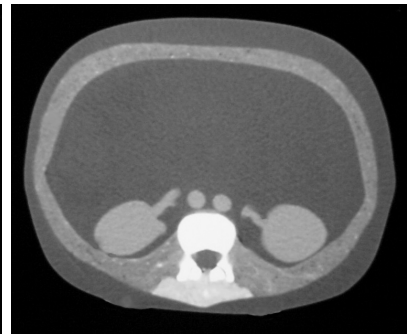
Kidney Level Section



CT of Heart Level Section



CT of Liver Level Section



CT of Kidney Level Section

SPECIFICATIONS

OVERALL DIMENSIONS	50 cm x 22 cm
WEIGHT	86 lbs. (32.1 kg)
MATERIALS	Tissue-Equivalent Epoxy Resin



Fully Assembled Model 600

MODEL 600 INCLUDES

QTY	DESCRIPTION
1	3D Sectional Torso Phantom with Tissue-Equivalent Skeletal Structure, Lungs, Heart, Liver, Pancreas, Spleen and Kidneys (Numbered as sections 1-20)
1	Reinforcement Base
1	Reinforcement Top with Threaded Assembly
1	Open-End Wrench
1	Bag of Extra String for reinforcement assembly
1	Roll of Black (light proof) Electrical Tape
1	Foam Lined Carry Case
1	User Guide
-	60-Month Warranty

©2014 Computerized Imaging Reference Systems, Inc. All rights reserved.
 Specifications subject to change without notice.
 Publication: 600 DS 031521



Computerized Imaging Reference Systems, Inc. has been certified by UL DQS Inc. to (ISO) 13485:2016. Certificate Registration No. 10000905-MP2016.

