

PH-9

Multi Slice CT Phantom MHT

The phantom can be used for features of CT evaluation such as high and low contrast resolutions, feed direction and CTDI.

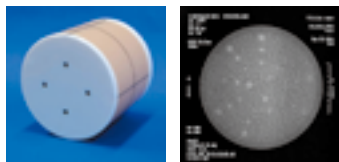


Features

1. Non-aqueous/Easy Set-up enables liquid-free evaluation session.
2. The phantom is designed to allow evaluation in volume scanning.

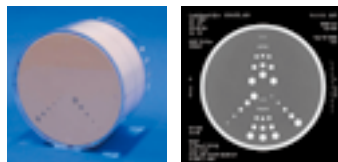
① Low Contrast Phantom

Low contrast resolution evaluation in abdominal area

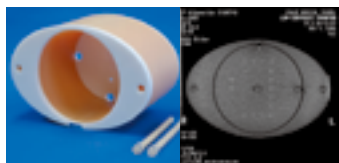


② High Contrast Phantom

High contrast resolution evaluation in lung area



③ Elliptical Absorber



④ Low Contrast and CTDI Phantom



⑤ High Contrast Phantom

SSPz evaluation in helical scanning



Specifications

Set Includes:
 1 low contrast phantom
 1 high contrast phantom
 1 elliptical absorber
 1 low contrast phantom with CTDI
 1 micro disc phantom
 1 angle adjustment holder

Optional parts:
 41334-110 sliding phantom holder

PH-7

CT-AEC Phantoms

Four types of phantoms designed to evaluate CT-AEC performance

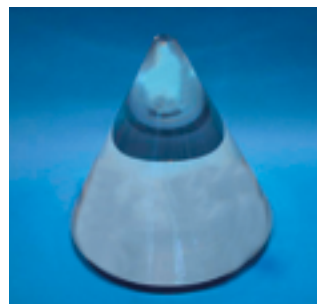
Image quality can be evaluated by noise and S.D. on the phantom section images.

Four types of CT-AEC Phantoms:

- Cone Phantom: evaluates performance of AEC for different patient sizes and gradual size changes in size along the axis.
- Elliptical Cone Phantom: in combination with the Cone phantom, facilitates evaluation of XY AEC.
- Variable-XY Phantom: evaluates performance of XY AEC as cross section changes from circular to elliptical.
- Stepped Phantom: evaluates the performance of the AEC to sudden changes in patient's cross section.

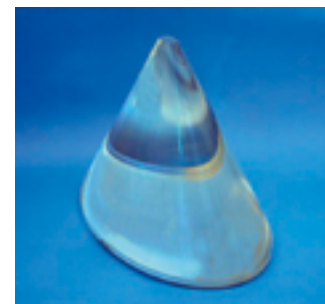


Cone (Apollo) Phantom



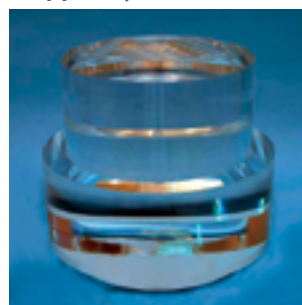
35 dia. x 32 cm
 13.8 dia. x 12.6 in

Elliptical Cone Phantom



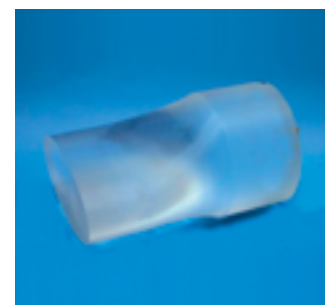
X : Y= 1:1.5
 Sectional area equal to that of the cone phantom

Stepped Cylinder Phantom



Diameter difference
 $\approx 5 \text{ cm}/2 \text{ in}$

Variable XY Phantom



X-Y ratio varies continuously from 1.0 to 2.5.
 Sectional area is kept to be equal to 20 cm²/8 in dia.

Specifications

41339-010 Cone (Apollo Phantom)
 41339-020 Elliptical Cone Phantom
 41339-030 Stepped Cylinder Phantom
 41339-040 Variable XY Phantom
 *each phantom can be ordered individually