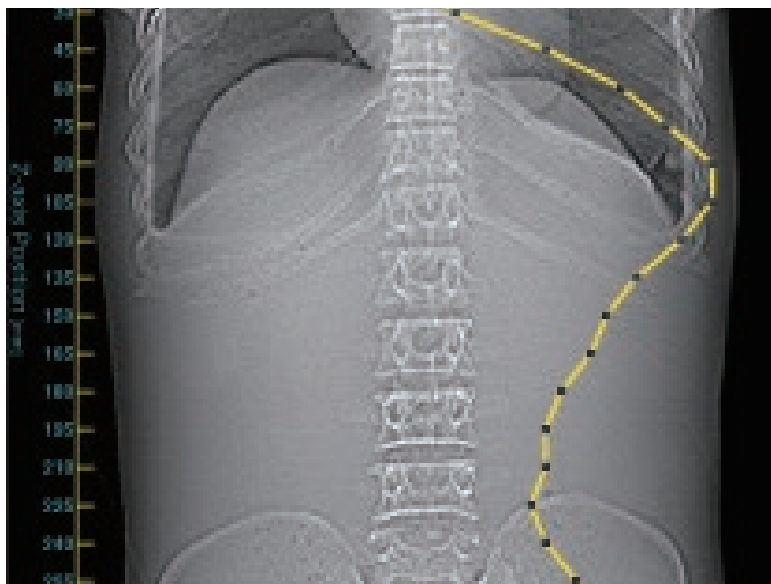


PH-7 | 41339-010-

CT-AEC Phantoms



Four types of phantoms designed to evaluate CT-AEC performance



SHOW MORE!

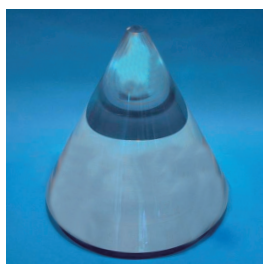


FEATURES

APPLICATIONS

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

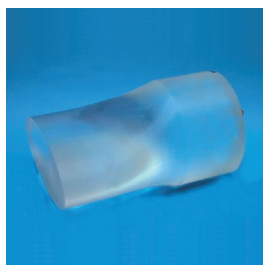
VARIATIONS



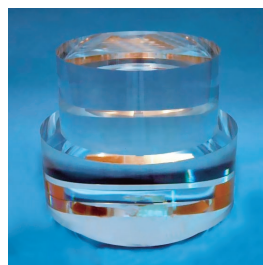
Cone Phantom:
evaluates performance of AEC for different patient sizes and gradual size changes in size along the axis



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

DESCRIPTIONS

SET INCLUDES (per each)

- 1 phantom with an attachment bracket

MATERIALS

Acrylic resin

PRODUCT VARIATIONS

- 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

PUBLICATION REFERENCES

Muramatsu, Y., Ikeda, S., Osawa, K., Sekine, R., Niwa, N., Terada, M., . . . Miyazaki, S. (2007). Performance evaluation for CT-AEC(CT automatic exposure control)systems. Japanese Journal of Radiological Technology, 63(5), 534-545. doi:https://doi.org/10.6009/jjrt.63.534

