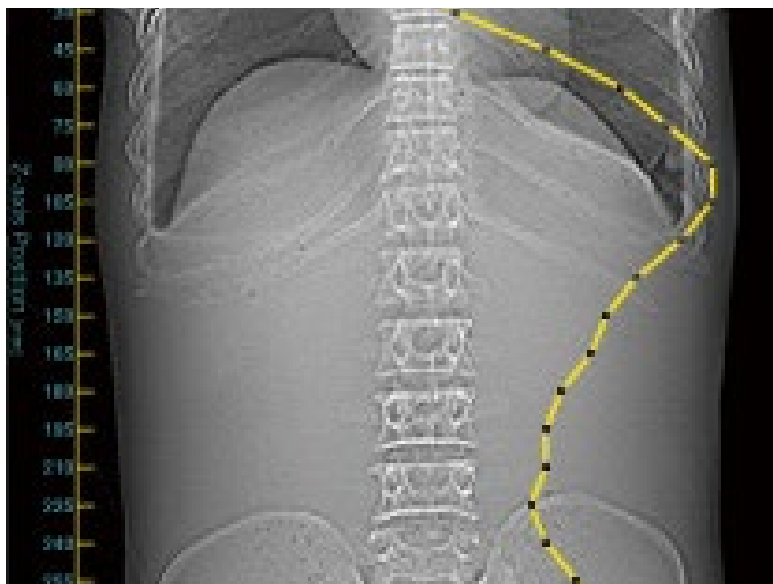


PH-7 | 41339-010-

CT-AEC Phantoms



Four types of phantoms designed to evaluate CT-AEC performance



SHOW MORE!

FEATURES

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

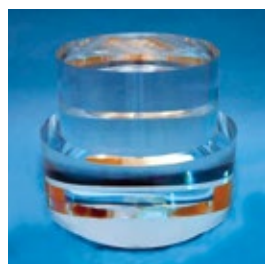
APPLICATIONS

CT-AEC

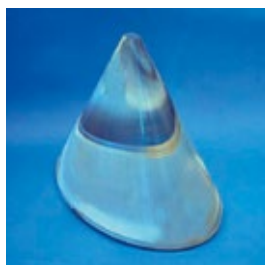
VARIATIONS



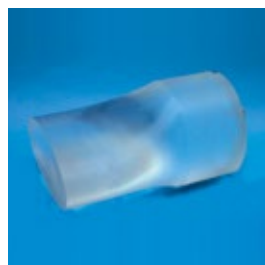
Cone Phantom:
evaluates performance of AEC for different patient sizes and gradual size changes in size along the axis



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

1 phantom

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, Keat N, Miyazaki S. Performance Evaluation for CT-AEC CT Automatic Exposure Control Systems. Japanese Journal of Radiological Technology, 2007-05-20; 63(5): 534-545.

