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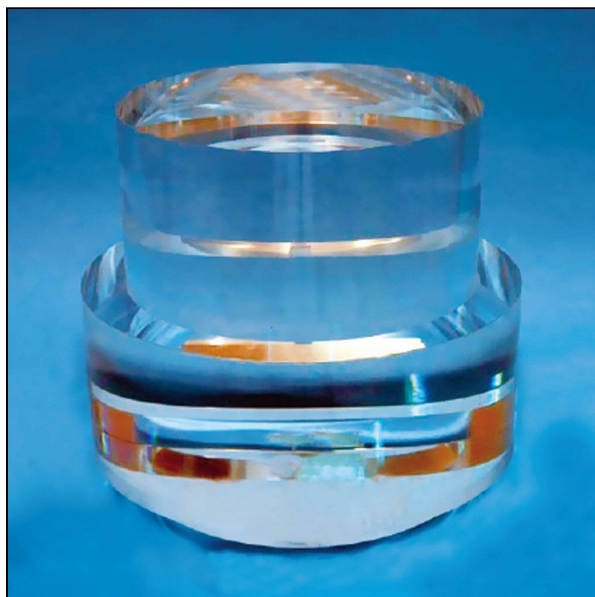
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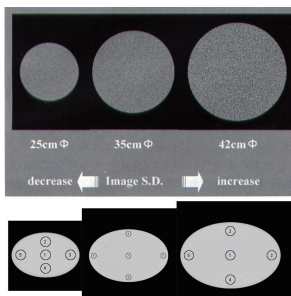
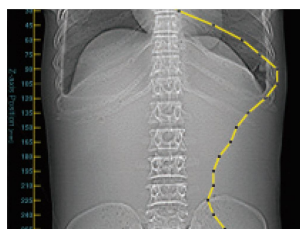
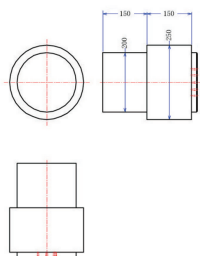
CT-AEC Phantoms

Item No. PH-7
Weight
Brand KYOTO KAGAKU, JAPAN

[Read More](#)

SKU:

Categories: Radiology Phantom



Product Description

Four types of phantoms designed to evaluate CT-AEC performance.

Features

1. Image quality can be evaluated by noise and S.D. on the CT-AEC
2. Phantom section images

Training skills / Applications**Size (approx.)****Materials****Optional parts****Publication references****Update**

CT-AEC
dia.20 cm, dia.25 cm / dia.7.9 inch, dia.9.8 inch
Acrylic resin
41339-060 Angle adjustment holder for GE / 41339-050 Angle adjustment holder for canon / 41339-090-03 storage case for Stepped Cylinder Phantom
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
July 10, 2020

Why Choose the CT-AEC Phantom Set for CT Quality Assurance Training in India?

The CT-AEC Phantom Set (Item No. PH-7, Brand: Kyoto Kagaku, Japan) is a set of four acrylic phantoms designed to evaluate CT-AEC (CT Automatic Exposure Control) system performance — a core quality assurance tool for radiology departments and CT technologist training programs.

The phantoms allow image quality assessment through noise and standard deviation (S.D.) measurement on the CT-AEC system, using stepped-diameter cylinder phantoms (dia.20cm and dia.25cm / dia.7.9in and dia.9.8in) constructed in acrylic resin.

Training applications:

- CT-AEC performance evaluation
- Image quality assessment via noise and S.D. measurement
- CT quality assurance and technologist training programs

Optional accessories: Angle adjustment holder for GE systems, angle adjustment holder for Canon systems, storage case for the stepped cylinder phantom.

Materials: Acrylic resin.

Backed by published research: This phantom methodology is referenced in peer-reviewed literature (Muramatsu et al., "Performance evaluation for CT-AEC systems," Japanese Journal of Radiological Technology, 2007).

Why Buy from SEM Trainers? SEM Trainers & Systems is an authorized distributor of Kyoto Kagaku products in India with over 30 years of experience supplying radiology phantoms and CT quality assurance equipment to 1,500+ institutions across 28 states. We provide pan-India delivery and

dedicated after-sales support.

Frequently Asked Questions

Q: What does the CT-AEC Phantom set include? A: Four acrylic phantoms in stepped diameters (20cm and 25cm) for evaluating CT automatic exposure control system performance.

Q: Which CT scanner brands are the optional angle adjustment holders compatible with? A: GE and Canon systems.

Q: How do I order from SEM Trainers? A: Contact us at sem@semtrainers.com or call +91-88495 63724 for pricing and availability.