Cold Rod Inserts

**Ultra Deluxe Cold Rod Insert™**
Model ECT/UL-DLX/I

**Main Features:**
- Designed for use with the 21.6 cm inside diameter flanged phantoms

**Main Applications:**
- For use with ultra-high spatial resolution SPECT and PET Systems
- System resolution test for lower contrast structures
- Acceptance testing
- Routine quality, assurance and control
- System performance evaluation
- Research

**Specifications:**
- Insert diameter: 21.3 cm
- Rod diameters: 3.2, 4.8, 6.4, 7.9, 9.5 and 11.1 mm
- Height of rods: 8.8 cm

**Deluxe Cold Rod Insert™**
Model ECT/DLX/I

**Main Features:**
- Designed for use with the 21.6 cm inside diameter flanged phantoms

**Main Applications:**
- For use with high and very high spatial resolution SPECT and PET Systems
- System resolution test for lower contrast structures
- Acceptance testing
- Routine quality, assurance and control
- System performance evaluation
- Research

**Specifications:**
- Insert diameter: 21.3 cm
- Rod diameters: 4.8, 6.4, 7.9, 9.5, 11.1 and 12.7 mm
- Height of rods: 8.8 cm
Cold Rod Inserts

**Standard & Elliptical Cold Rod Insert™**
Model ECT/STD/I and Model ECT/ELP/I

**Main Features:**
- Model ECT/STD/I is designed for use with the 21.6 cm inside diameter flanged phantoms
- Model ECT/ELP/I is designed for use with the Elliptical ECT Phantom™ (Model ECT/ELP/P)

**Main Applications:**
- For use with medium to high spatial resolution SPECT and PET Systems
- System resolution test for lower contrast structures
- Acceptance testing
- Routine quality, assurance and control
- System performance evaluation
- Research

**Specifications:**
Insert diameter:
- Model ECT/STD/I: 21.3 cm
- Model ECT/ELP/I: 30.2 cm along major axis
  - 21.8 cm along minor axis
Rod diameters: 6.4, 7.9, 9.5, 11.1, 12.7 and 19.1 mm
Height of rods: 8.8 cm

**Benchmark Cold Rod Insert™**
Model ECT/BEN/I

**Main Features:**
- Designed for use with the 21.6 cm inside diameter flanged phantoms

**Main Applications:**
- For use with ECT systems with poorer spatial resolution, larger radius-of-rotation, cut-off reconstruction filters and count densities mimicking clinical scans
- System resolution test for lower contrast structures
- Acceptance testing
- Routine quality, assurance and control
- System performance evaluation
- Research

**Specifications:**
Insert diameter: 21.3 cm
Rod diameters: 9.5, 11.1, 12.7, 15.9, 19.1, and 25.4 mm
Height of rods: 8.8 cm