ACR Flangeless Deluxe Jaszczak Phantom™

Model ACR ECT/FL-DLX/P

Main Features:
- Deluxe ECT phantom without protruding flange

Main Applications:
- For use with high spatial resolution SPECT and PET systems
- System performance evaluation (collimator, artifacts, calibration, reconstruction parameters)
- Acceptance testing
- Routine quality assurance and control
- Evaluation of center-of-rotation error
- Evaluation of non-uniformity artifact
- Evaluation of changes of radius-of-rotation on spatial resolution
- Evaluation of reconstruction filters on spatial resolution
- Evaluation of attenuation and scatter compensation
- Research
- Required for ACR SPECT accreditation

Specifications of Cylinder:
- Cylinder inside diameter: 20.4 cm
- Cylinder inside height: 18.6 cm
- Cylinder wall thickness: 6.4 mm

Specifications of Insert and Spheres:
- Rod diameters: 4.8, 6.4, 7.9, 9.5, 11.1 and 12.7 mm
- Height of rods: 8.8 cm
- Solid sphere diameters: 9.5, 12.7, 15.9, 19.1, 25.4 and 31.8 mm
- Height of center of spheres from base plate: 12.7 cm

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ACR Flangeless PET Phantom™

ACR Flangeless PET Phantom, with 2nd Deluxe Flangeless Lid™

ACR Flangeless PET Phantom™
Model 0ACR PET/FL/P

Also:
Model ACR PET/LID/REG (lid only Flanged)
Model ACR PET/LID/FL (lid only Flangeless)

Main Features:
- PET phantom without protruding flange

Main Applications:
- Evaluation of tumor detectability
- Evaluation of SUVs
- Acceptance testing
- Routine quality assurance and control
- Evaluation of reconstruction filters
- Evaluation of attenuation and scatter correction
- Research
- Required for ACR PET accreditation

Specifications of Cylinder:
Cylinder inside diameter: 20.4 cm
Cylinder inside height: 18.6 cm
Cylinder wall thickness: 6.4 mm

Specifications of Insert:
Rod diameters: 4.8, 6.4, 7.9, 9.5, 11.1 and 12.7 mm
Height of rods: 8.8 cm
Solid sphere diameters: 9.5, 12.7, 15.9, 19.1, 25.4 and 31.8 mm
Height of center of spheres from base plate: 12.7 cm

Specifications of PET Lid:
Refillable thin-walled cylinders: 8, 12, 16, 25 (x3) mm
Solid cylinder (Teflon®): 25 mm
Cylinder height: 1.5 in

NOTE: Above Lid can be made for Flanged or Flangeless Cylinder, call for details.

Flangeless PET Phantom, with 2nd Deluxe Flangeless Lid™

Model PET/FL-X2/P
Includes above described Phantom with Flangeless Deluxe Jaszcak Lid, see other side of this sheet for complete description.