

Hollow Sphere Sets (6)TM

Hollow Sphere Set (6)TM

Model ECT/HS/SET6

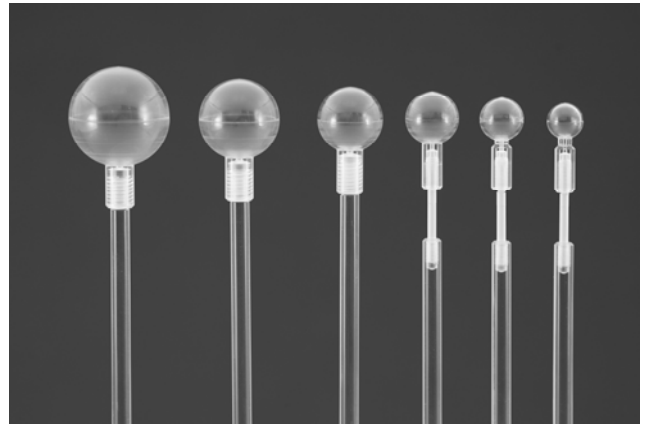
Main Applications:

- Designed for use in all circular and elliptical ECT cylinders
- Simulates hot or cold spherical “lesions”
- Quantitative evaluation of spatial resolution/object size, attenuation and scatter effects
- Evaluation of quantitative ECT reconstruction methods
- Research

Specifications:

Outer diameter: ~ 11.89 mm, ~ 14.43 mm, ~ 17.69 mm,
~ 21.79 mm, ~ 26.82 mm, ~ 33.27 mm

Volume of Spheres: ~ 0.5 mL, ~ 1.0 mL, ~ 2.0 mL,
~ 4.0 mL, ~ 8.0 mL, and ~16.0 mL



Hollow Sphere Set (6)TM

Micro Hollow Sphere Set (4)TM

Model ECT/MI-HS/SET4

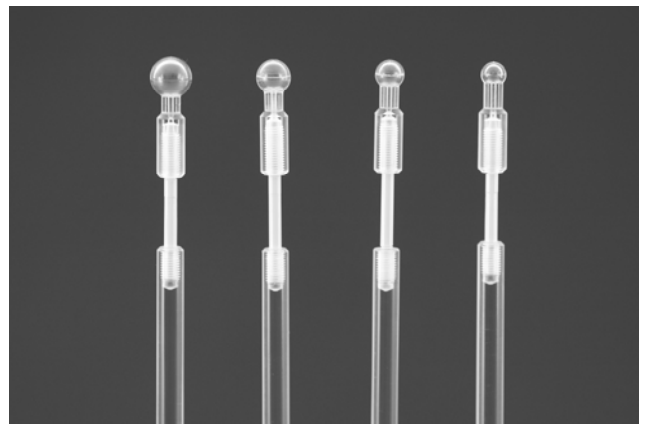
Main Applications:

- Simulates small hot or cold spherical “lesions”
- Quantitative evaluation of spatial resolution/
small object size effects
- Evaluation of quantitative ECT reconstruction methods
- Research

Specifications:

Outer diameter: ~ 5.94 mm, ~ 6.95 mm, ~ 8.23 mm,
~ 9.86 mm

Volume of Spheres: ~ 31 µL, ~ 63 µL, ~ 125 µL, and ~
250 µL



Micro Hollow Sphere Set (4)TM

HOLLOW SPHERE OUTER DIAMETERS (OD) AND VOLUMES (APPROX.)

OD (mm)	ID (mm)	OD (cm)	OD (inches)	Measured volume (mL)
11.89	9.89	1.2	.468	0.5 mL
14.43	12.43	1.4	.568	1.0 mL
17.69	15.43	1.8	.696	2.0 mL
21.79	19.79	2.2	.858	4.0 mL
26.82	24.82	2.7	1.056	8.0 mL
33.27	31.27	3.3	1.310	16.0 mL

MICRO-VOLUME HOLLOW SPHERE OD'S AND VOLUMES

OD (mm)	ID (mm)	OD (cm)	OD (inches)	Measured volume (µL)
5.95	3.95	.6	.234	31 µL
6.95	4.95	.7	.274	63 µL
8.23	6.23	.8	.324	125 µL
9.86	7.86	1.0	.388	250 µL

Height of spheres above base plate: 12.7 cm.