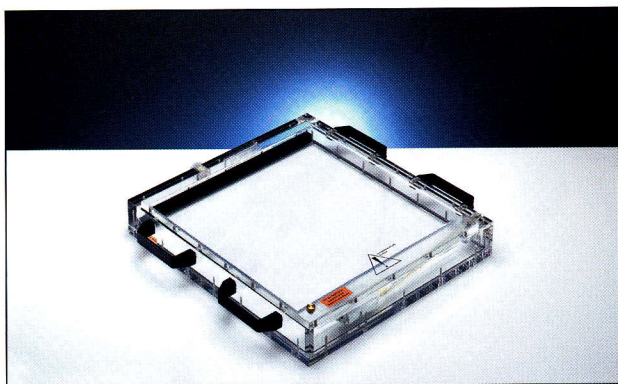


Flood Phantoms for QC of Gamma Cameras



Rigid flood phantoms with built-in circulation pump for system inhomogeneity tests of gamma cameras

Features

- ▶ Utilize an integrated circulating pump for automatic fluid mixing to guarantee a homogenous activity distribution
- ▶ Reduce contamination risk thanks to a compact, closed system
- ▶ Various sizes for the most types of gamma cameras are available
- ▶ Comply with IEC 60789

The purpose of the phantoms is the generation of correction matrices and the performance of regular constancy tests of the system inhomogeneity, the most important parameter for quality control of gamma cameras. The flood phantoms of the FP series are available in various dimensions for different detector sizes. They have some unique features for measuring precisely, saving time and protecting users against radiation exposition: The cuvette wall thickness of 20 mm and a defined extension volume ensure stable geometry and high measuring precision when using the filled phantom. The activity of the test isotope is distributed homogeneously in the filling volume of distilled water by a built-in circulating pump. The special chamber design of the cuvette volume provides for a bubble-free field of view.

Ordering Information

Flood phantoms

- L991206 Model FP47 for 24 cm x 40 cm field of view
- L991211 Model FP67S for 40 cm x 54 cm field of view
- L991256 Model FP73 for Siemens Body Scan
- L991213 Power supply (90 ... 264) V

- ▶ Flood Phantom Positioning Carts *page 125*
- ▶ ATW3 Shielded Transportation Cart *page 125*

Flood Phantom Applications

Gamma Camera Model	Flood Phantom Model
▶ Philips (Picker/Marconi)	
Prism 1000	FP67S
Prism 1500	FP67S
Prism 2000	FP67S
Prism 3000	FP47
AXIS	FP67S
IRIX	FP67S
▶ Philips (ADAC)	
Forte	FP67S
Skylight	FP67S
Vertex	FP67S
Argus Epic	FP67S
Cardio Epic	FP67S
Genesys Epic	FP67S
Solus Epic	FP67S
▶ General Electric	
Millennium MPR	FP67S
Millennium MPS	FP67S
Optima-NX	FP47
Hawk Eye	FP67S
▶ General Electric (Elscent)	
Vari Cam	FP67S
SPX Helix	FP67S
SPX Cardial	FP67S
SPX 6	FP67S
SPX 4	FP67S
▶ General Electric (SMV/Sopha)	
Vision DST XL	FP67S
Vision DSX	FP67S
Vision FX	FP67S
Vision FX 40	FP67S
Vision FX 80	FP67S
Vision DS7	FP67S
▶ Siemens	
E.Cam	FP67S
Multispect 2	FP67S
Multispect 3	FP67S
Diacam	FP67S
Orbiter	FP67S
Body Scan	FP73
Symbia	FP67S
▶ Mediso	
X-Ring R	FP67S
X-Ring C	FP67S