



Flood Phantom FP43 CardioMD

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Field of Application

Quality Assurance in Nuclear Medicine according to revised Guideline on Radiation Protection in Medicine, for weekly inhomogeneity and sensitivity control and acquisition of correction matrices.

Product Specifications

- Fully automatic mixing with integrated circulation pump
- Including air chambers for pressure compensation
- Compact, closed system
- Optional accessory available on inquiry

Benefits

- ✓ Complete mixing, saving time, lower radiation exposure
- ✓ Air-bubble free field of view and no impact of temperature on the measuring result
- ✓ Contamination risk reduction

Product Description

The Flood Phantom FP43 CardioMD was specially developed for use at the CardioMD* Gamma Camera of Philips Healthcare.

Regarding its dimensions the Flood Phantom FP43 CardioMD basically corresponds to DIN 6855, Part 2 for performing constancy control of the inhomogeneity and for acquisition of correction matrices. It is fitted with an internal mixing system to reduce radiation exposure.

The picture on the right shows the Flood Phantom placed on top of the Philips CardioMD* camera head.



Specifications

Material in measuring range:	20 mm acrylic glass
Measuring accuracy according to DIN:	1%
Filling medium:	distilled water
Power Supply:	low voltage (7.5 V wall plug transformer)
Connected load:	85 – 265 V AC
Mixing time:	4 minutes
Operation temperature:	15° C – 25° C
Dimensions and weight:	see chart

Dimensions and weight

Type:	FP43 CardioMD
Eff. field of view [mm]:	220 x 370
Total field of view [mm]:	260 x 392
Dimension of the cuvette [mm]:	432 x 360 x 80
Dim. with attachment parts [mm]:	432 x 450 x 90
Filling quantity approx. [liters]:	5.5
Weight empty approx. [kg]:	7
Operation weight approx. [kg]:	12.5

Subject to change without notice.

* CardioMD is a brand label of Philips Healthcare



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