



Brain PET Imaging

BBX-PET



Portable
Compact
Precise
Affordable



PRESCIENT
MEDICAL IMAGING
EXPANDING THE PRACTICE OF MEDICAL IMAGING

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Designed and Built
in California, USA

Logistic Flexibility

PET Comes to the Patient



Technical Specifications:

LYSO crystal: 3x3 mm Coupled one to one to Solid-state photomultiplier: 3x3 mm ; Time of Flight Resolution < 300 ps FWHM

Scanner bore size: 29 cm ; FOV (diam. x axial): 26 x 16 cm

*Spatial Resolution: 3.6 mm FWHM; Whole gantry efficiency: 3.1%; Attenuation: Calculated method
Unit Dimensions (LxW): 3 x 2 ft. Weight: 400 lbs.*

Height of the Center of the Detector Ring: Adjustable from 38" to 48

Tilt of the Axis of the Detector Ring: Adjustable from 0 to 60 degrees

*BBX-PET is affordable and FDA-cleared for brain imaging. Scans are clear and precise owing to the narrow scanner bore, and corresponding proximal location of the LYSO crystals.
The unit is light enough to put on any floor of a medical arts building, and needs only 100 sq. ft.*

Plugs in to regular 110 V. USP w/ battery back-up.

FDA-510k #210450

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