
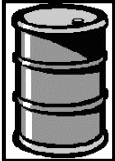





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Product name:	Gemini TF Big Bore PET Gantry	
Identification code(s)	4535-674-7985x (x) Denotes revision level wildcard designation. (Numbers range from 1-9)	
Total weight (in Kg)	907kg	
Producer/ Manufacturer	Name company:	Philips Medical Systems (Cleveland), Inc.
	Address:	595 Miner Road, Cleveland, Ohio
	Zip code:	44143
	Country:	United States of America

Recycle Info	Items:	Location (Qty.)
Special attention 	None	
Fluids / Gases 	None	
Batteries 	Type:	Location (Qty.)
	Sealed Lead Acid - PET Gantry UPS	See Figure 2 (1)
	Lithium Ion Button Cell	See Figure 1 (1)
To be Removed		
Hazardous 	Substances:	Location (Qty.)
	Printed Circuit Board Assembly (PCBA) (*) – Power Supply	See Figure 1 (1)
	Printed Circuit Board Assembly (PCBA) (*) – Power Dist	See Figure 1 (7)
	Printed Circuit Board Assembly (PCBA) (*)	See Figure 1 (7)
	Computer	See Figure 1 (1)
	Fan & Motor	See Figure 1 (1)
	Control Panels	See Figure 1 (2)
	Lead (Pb) – Shielding	See Figure 1 (1)
	Printed Circuit Board Assembly (PCBA) (*)	See Figure 1 (1)
	Printed Circuit Board Assembly (PCBA) (*) - PMTs	See Figure 1 (420)
Printed Circuit Board Assembly (PCBA) (*)	See Figure 2 (3)	

Title: TFBB PET GANTRY, Recycling Passport
 Recycling Passport Number: DMR104412 Rev: 01

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	Fan & Motors	See Figure 2 (2)
	Printed Circuit Board Assembly (PCBA) (*)	See Figure 2 (1)
	Printed Circuit Board Assembly (PCBA) (*) – Power Supply	See Figure 2 (3)
	Printed Circuit Board Assembly (PCBA) (Pb) – (inside Cardcage)	See Figure 2 (12)
	Printed Circuit Board Assembly (PCBA) (*) – Motor Controller	See Figure 3 (3)
	* This gantry contains RoHS compliant and non-RoHS compliant PCBAs and components. Refer to the markings on the component for recycling purposes.	
<p>Radioactive</p>  <p>To be Removed</p>	<p>Substances:</p> <p>Naturally Occurring Radioactive Material (NORM) – Scintillation Crystal</p> <p><i>This gantry incorporates Lu-176 LYSO crystal detectors. Lu-176 is primarily a beta-emitting isotope. These particles are completely absorbed by the crystals themselves. There are additionally some low-to-medium energy gamma rays that may escape the crystals. Therefore, a dose rate survey was performed to detect and measure this gamma radiation around the unit. All measurements observed were indistinguishable from background, and no exposure to personnel is expected from the LYSO crystals. Check with local & state laws for disposal.</i></p>	<p>Location (Qty.)</p> <p>See Figure 1 (28336 crystals)</p>

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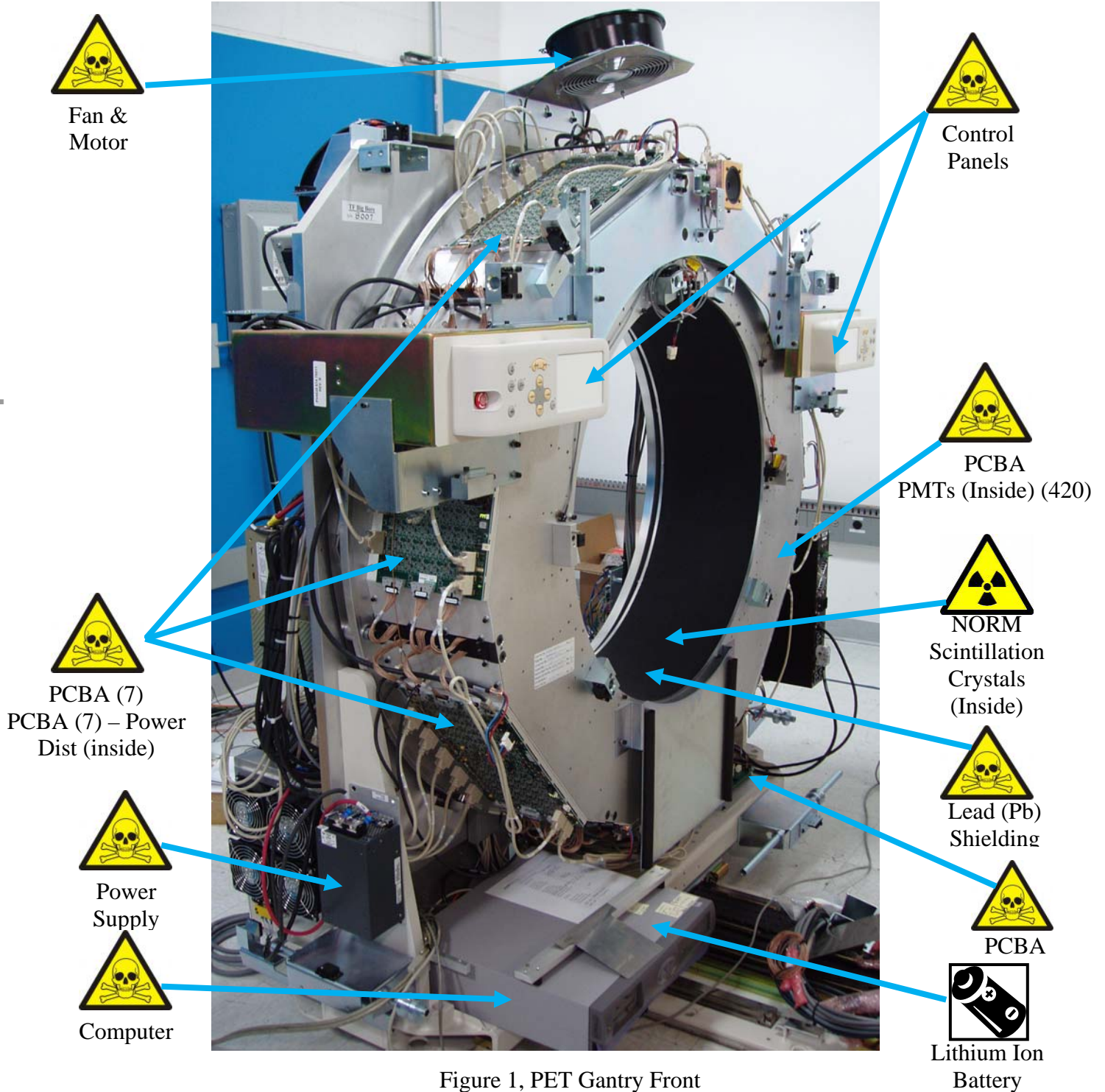


Figure 1, PET Gantry Front

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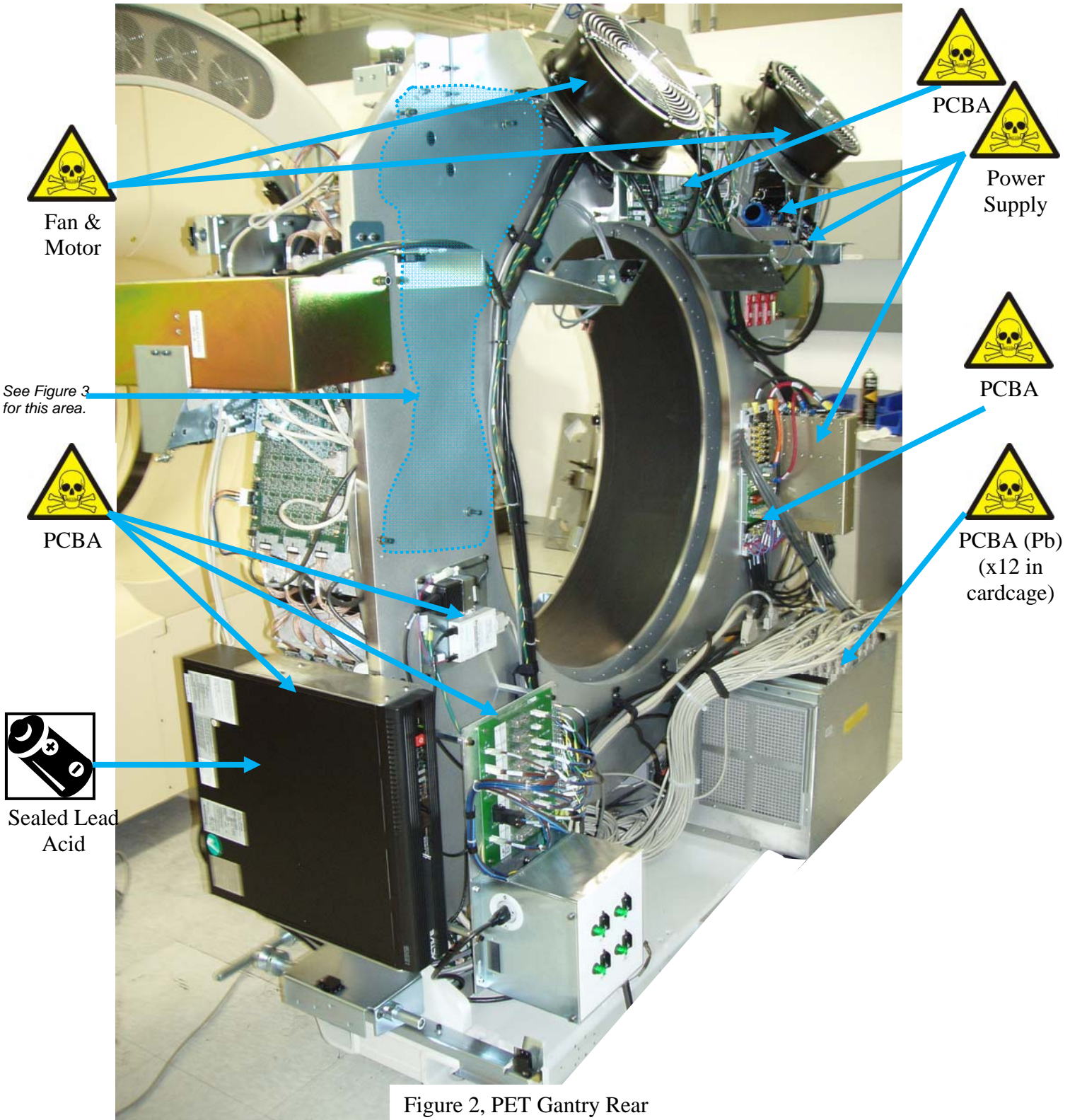


Figure 2, PET Gantry Rear

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PCBA –
Motor
Controller

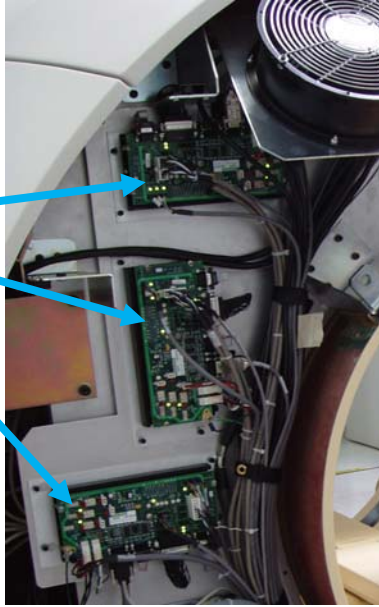


Figure 3, PET Gantry Rear Close-up

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