X-ray IrradiatorComparison Chart - Blood 5/15/2018

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Make	Primary Use	Model	Energy	Typical Dose Rates Dose Rates	Key Features	Price Quote Base System	Shipping/ Training and Installation	Other Key Options		Warranty 13- 24 Mo.	Warranty 24- 36 Mo.	External Radiation Field at max kVp and mA	Weight
RadSource ¹	Blood	RS 3400	155 Kv / 11 mA / QUASTAR	holds up to 6 (1 liter) blood canisters that hold 1 300 ml blood bag	stand alone-self- contained cooling- plug an play, on wheels, - FDA approved. 1 x-ray tube QUASTAR in center and canisters rotate around it.		shipping	barcode scanner \$4K; syringe holders \$55., extra canisters \$1.5k, phantoms	1 yr			<0.5 mR/hr at 5 sm off external surfaces and <0.1 mR/hr at 10 cm	2450 lbs
Best Theratronics ²	Blood	MK1	160 kV	canister so it	stand alone- 1 x-ray tube; self-contained cooling system		Install/Training included / Shipping included	optional bar code reader \$6.3K;	1 yr			<0.5 mR/hr at 5 sm off external surfaces and <0.1 mR/hr at 10 cm	1309 lbs
Best Theratronics ²	Blood	MK2	160 kV	bags) - delivers 25	stand alone- has 2 x-ray tubes above and below the sample for uniform dose.		Install/Training included / Shipping included	database management system \$10.6K; heat exchanger for had water \$16.1K; optional water chiller \$22.3K	1 yr			<0.5 mR/hr at 5 sm off external surfaces and <0.1 mR/hr at 10 cm	2200 lbs

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