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Mobile PET/CT Specification Guide

	PET Systems	CT Systems	Accessories	Hot Lab Components
GE Discovery DST 8 slice Mobile PET/CT System	• Operating software platform: AW 4.1 • HPx4000 workstation • Dual Xenon processor • 18" flat panel monitors (2) • Volume viewer • 2.2 GHz CPU clock speed • 512 cache per CPU • 56 GB image storage • Internal CD-ROM burner (40 x speed/write) • 3.5" floppy drive for service • Advantage Fusion PET/CP software • ConnectPro HIS/RIS interface option • BGO Crystal detectors for PET system • Discovery ST PET 2D • 70 cm bore aperture • Patient table weight limit: ~400 lbs	• CT system: 8 slice • Performix ultra tube • 53.3 kW generator • 6.3 MHU tube heat capacity • Maximum kVP: 120 • Maximum MA: 440 • Reconstruction time: 4 slices per second • Gantry: +/- 30 degrees	• RTP exact radiation treatment table • Viewbox (wall-mounted) • Patient gurney • Power injector: Medrad Stellant Dual Head • Patient intercom • Hot lab injection chairs (2) • Codonics Horizon CI film printer • ACR phantom • AK specialty vehicles trailer	• Ludlum survey meter and accessories • All 137 cesium check, rod and vial sources • Syringe shields • Spill kit • Radiac spray mist • Absorbent sheet • Radioactive materials warning tape • Caprac wipe counter • Atom lab 100-dose calibrator • L-block shield (PET grade) • Ludlum 14c survey meters with pancake probes (2) • Syringe shield - 3 cc • Syringe shield - 5 cc • Syringe shield - 10 cc • 8" tongs (1) • Lead aprons (soft skin) (2) • Wall-mounted apron rack • Lead lined sharps containers (2)
Siemens Biograph 6 slice Mobile PET/CT System	• Operating software platform: Syngo • Pentium IV 2.2 GHz, 2 GB of RAM, memory capacity (1,000,000 images) • Intel-based 850 MHz processor, 512 MB of RAM, • 40 SCSI hard drives (2) • 18" flat-screen color monitors: 1280x1024 resolution (2) • Erasable optical disc: 4.1 GB, 6,000-image capacity (512 x 512 matrix) • High-resolution option for increased spatial resolution • Pico 3D electronics • CARE (Combined Applications to Reduce Radiation Exposure) • Care dose 4D (radiation exposure reduction) • Care bolus (contrast detection software) • Real-time MPR (reconstruction technique) • LSO (lutetium oxyorthosilcate) crystal detectors for PET system • 70 cm bore aperture • Patient table weight limit: 451 lbs	• CT system: 6 slice • 16 detector rows • 50 kW generator • 5.0 MHU tube heat capacity • Reconstruction time: 4 slices/second • DICOM compatible	• Viewbox (wall-mounted) • Patient gurney • Power injector: Medrad Stellant Dual Head • Patient intercom • Hot lab injection chairs (2) • Codonics Horizon CI film printer • Medical coach trailer	• Ludlum survey meter and accessories • All 137 cesium check, rod and vial sources • Syringes shields • Spill kit • Radiac spray mist • Absorbent sheet • Radioactive materials warning tape • Caprac wipe counter • Atom lab 100-dose calibrator • L-block shield (PET grade) • Ludlum 14c survey meters with pancake probes (2) • Syringe shield - 3 cc • Syringe shield - 5 cc • Syringe shield - 10 cc • 8" tongs (1) • Lead aprons (soft skin) (2) • Wall-mounted apron rack • Lead lined sharps containers (2)

Note: Each mobile unit configuration varies. Some available units have additional software and coils not outlined in this guide.

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