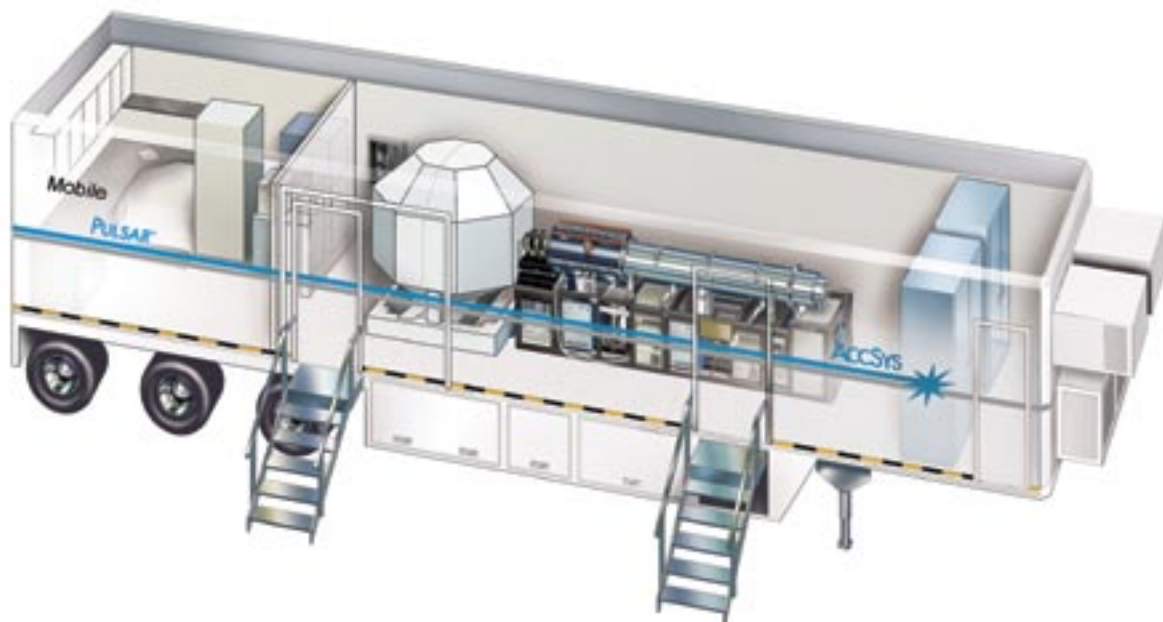


PULSAR™

Mobile PET Isotope Production Lab



The Mobile PULSAR™ PET Isotope Production Lab is a self-contained production facility that includes all of the equipment necessary to manufacture FDG and or other PET radio-labelled compounds for Molecular Imaging.

The Mobile PULSAR™ is the only truly mobile PET lab available. This unit can be parked in an existing parking lot or located on a pad provided with a shore power hookup. Relocation of this system is as simple as driving away. If space is a premium or you want a truly relocatable PET Isotope production facility, then the Mobile PULSAR™ is the only choice.



Mobile PET Isotope Production Lab

PULSAR™ 7 PET Isotope Production System

3.5 MeV RFQ linac
3.5 Drift Tube Linac
Ion Injector system
2 425 MHz Amplifiers
Target ladder with ^{18}F targets
Target Shield
Flexible graphical user interface
FDG synthesizer
Fully automated operation

Hot Laboratory (typical)

Laminar flow hood
Fume hood
Mini-cell for synthesizer
TLC and GC systems
LAL reader system
Dose calibrator
Incubator
De-pyrogenation oven
Complete FDG production laboratory can be supplied

Medical Coaches Trailer

Industry leading Medical Coaches trailer containing all support systems for operating the PULSAR™ and laboratory equipment.

Shore power connection or 70 kW generator for stand alone operation.

Water chiller and HVAC units for cooling of equipment and facility.

WHY MOBILE PULSAR™

- No Construction Costs – Laboratory is self contained in the trailer. All that is necessary are consumables and personnel.
- Faster startup – Once the equipment is installed and tested, it is ready to go!
- No bonding for decommissioning – targets are completely shielded and relocation is simple.
- Compact space – does not require expensive lease of hospital or imaging facilities floor space.
- No one else can provide a truly Mobile PET Isotope Production Facility!



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