

# SOURCE STORAGE VESSELS

GEMINI produce a range of Source Storage Vessels designed to suit specific customer requirements. Usually supplied with a GEMINI Calibration System, for use during Source removal for Maintenance purposes or any routine source operations.



## GT-SSV-120

This is the smallest model GEMINI produce, giving safe source storage for source activity up to 1.9Tbq (CS-137) and equivalent, providing an external dose rate of <1uSv/hr. Weighing in at 580 KG, it can safely house up to 8 sources plus a blank position in 5 wells of Ø29 X 210 long. Compact in size, with a footprint of 500mm x 600mm and 680mm high.



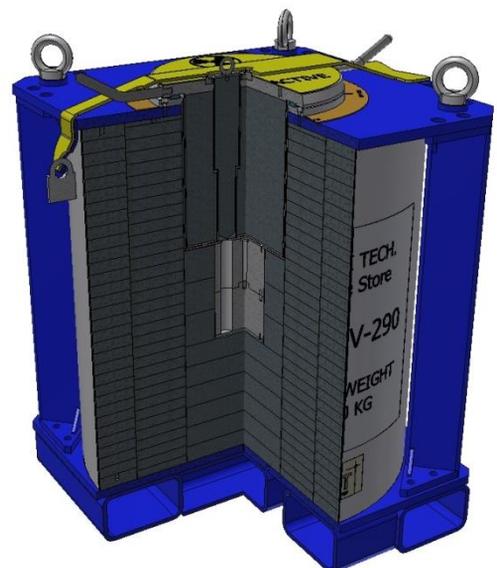
## GT-SSV-200

This is the middle model in the SSV range, given safe storage for source activity up to 5.5 Tbq (CS-137) and equivalent, providing an external dose rate of <1uSv/hr. Weighing in at 2000 KG, it can safely house up to 10 sources plus a blank position in 6 wells of Ø29 x 210 long. External footprint of 750mm x 750mm x 850mm high.



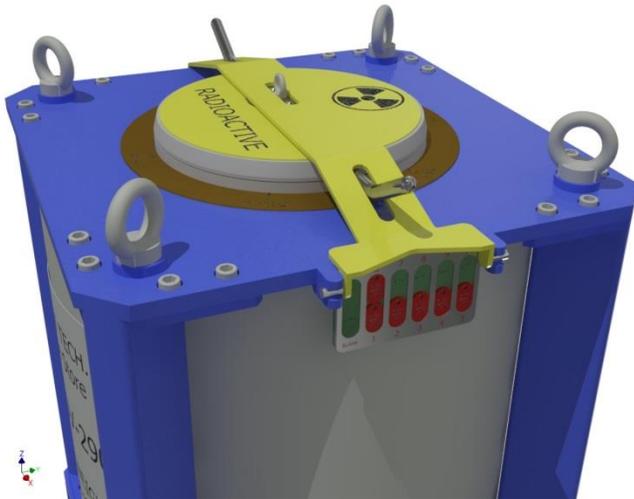
## GT-SSV-290

This is the largest model GEMINI produce, giving the greatest shielding, allowing for the safe storage of the largest known Gamma sources currently in use. (6 TBq Co-60), providing an external dose-rate of <1uSv/hr. Weighing in at 4,250 KG, it can safely house up to 10 sources plus a blank position in 3 wells of Ø29 x 210 and 3 wells of Ø45 x 210 long. Compact in size, with a footprint of 750mm x 750mm and 1000mm high. A range of sizes are available, to suit any requirement.



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Sources are stored in a steel cassette surrounded by interlocking lead segments, giving an easy and flexible approach to installation.

Custom designed and fully shielded to suit all commonly used sources.

Sources are double stacked in 4 source wells, giving a maximum of 8 sources leaving one well as a 'Blank' position.

A steel frame surrounds the Source store with pallet truck slots, and lifting eyes, giving further flexibility.

Source selection is done by manually rotating the Plug Carousel using handles. This positions the small Removable plug over the source.

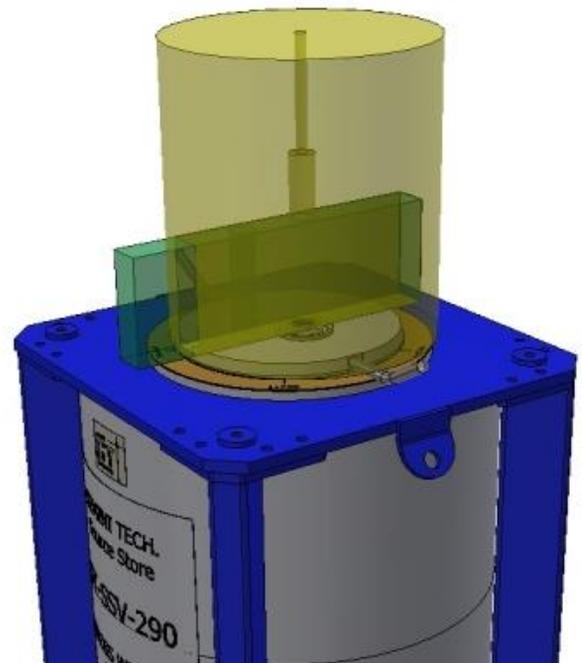
Source idents and markers ensure alignment is very simple, and can be done swiftly.

A security bar and CEN 6 padlocks can be fitted once sources are loaded and the Plug Carousel is rotated to the 'Blank' position.

The source well dimensions are between Ø25 and Ø45 x 210mm deep. Liners are available to suit smaller sources.

The source storage container is compatible with sources from all GEMINI Calibration Systems as well as Third Party Systems.

A location feature on the top of the Source store ensures it fits with all existing Source Transfer equipment, GEMINI produced & Third Party.



*Flexibility is our strength*