

GenTegra® Storage Solutions

GenStore™ Archive cabinet may be placed on the floor or on a lab bench and may also be conveniently stacked two high to conserve space while doubling storage capacity.



The GenStore Archive is a highly efficient and cost effective method for storing hundreds of thousands of biosamples. Designed for storing GenTegra-DNA and GenTegra-RNA protected samples, the GenStore Archive can hold up to 600 96-tube racks.* The exact number of other racks will be dependent on the brand of 96-tube rack and the tube volume used. Any manufacturer's 96-tube rack may be used and virtually any size tube. The GenStore Archive will also store small screw cap tubes conveniently in a 100 tube paper box. The optional box rack holds twenty boxes for a total rack capacity of 2000 tubes. Box racks and plate racks can be conveniently mixed as needed.

In less than 7 square feet of floor space over 1200 microplate can be easily stored and just as easily retrieved. Depending upon the configuration used 115,200 discrete samples can be archived. The GenStore archive is well suited for organizations that collect a relatively large number of samples for their own personal research efforts. The external, optional active dehumidifier is necessary only when storing GenPlates in the GenStore Archive, GenTegra protected samples do not require humidity controlled storage.

Storage is designed around the standard stainless steel racks often used for freezer storage. Any ANSI/SLAS standard microplate format can be stored conveniently.

* Capacity based upon 96-tube, 0.5 ml size, GenTegra rack and lid.



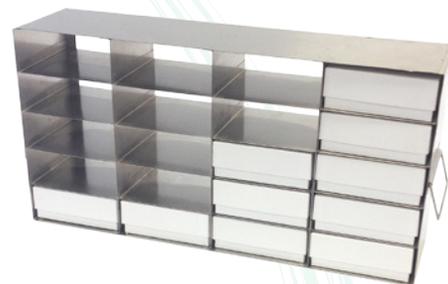
37 GenPlates™
per chamber.

20 standard
microplates
per chamber

10 GenTegra
96-tube racks per
chamber

Using laboratory standard carriers make storing mixed sample carriers convenient and easy.

Tube storage is accommodated by the tube-box carrier which hold 100 tubes per box and 20 boxes per carrier.



Varying numbers of 96-tube racks per chamber depending upon supplier and tube volume.

Each GenStore cabinet accommodates 5-carriers per shelf for a total of 10 carriers. Each carrier slides easily into and from the cabinet, guided by the channels on each shelf.

The GenStore Archive streamlines storage while conserving space and energy.

Benefits

- Convenient laboratory standard stainless steel carrier
- Room temperature storage for GenTegra-DNA/RNA samples
- 115,200 sample capacity
- Optional barcode scanner
- Compact < than 7 sq ft of floor space
- Single door with lock
- Stacks two high to minimize floor space
- Environmentally low impact
- Near zero maintenance costs compared to freezer
- Very cost effective

Uses:

- Biorepositories
- Academic institutions
- Biobanks
- Research Hospital
- Research laboratories

Specification	Description
Dimensions	36.25" W x 31" H x 27" D or 92 cm x 79 cm x 69 cm; open door requires 60" D or 153 cm. Weight 140 lbs or 64 Kg empty.
Capacity	115,200 Individual samples maximum, standard 96-well microplates 2,220 GenPlates (Standard half-height 384 well microplate format) 1,200 GenTegra Microplates (Standard height 96 well microplate format) 600 96-tube racks, capacity (0.5 ml tubes, Gentegra brand)
Environmental control	Optional Active dehumidifier (ACDH: 110V-120V single phase @ 60Hz or 230V single phase @ 50Hz/60Hz) available but not required for GenTegra protected samples. ACDH required for GenPlate storage and for compound library storage application. GenStore archive itself does not require power

GenTegra®

For more info visit our website:

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