

Refrigerated Storage Manager

Module Description

This module is an on-line refrigerated unit capable of storing 4100 specimens at a rate of 400 specimen tubes per hour. The co-ordinates of the specimen tube in the storage rack and the storage rack's unique identifier are mapped and recorded to facilitate retrieval, if required, at a later time. Retrieval can be done either manually or automatically. The module can be used in support of repeat testing, add-on tests, holding of specimens for later batch processing, short term storage, or it can be used to hold specimens on-line until disposal. Each Refrigerated Storage Manager comes with one set of bar-code labelled storage trays, which can be removed for longer-term storage in a conventional refrigerator or freezer. Additional storage racks are available.



General Specifications

- Throughput: 450 tubes / hour
- Tube Diameters: 13 to 17mm
- Tube Height: 75mm to 100mm
- Storage capacity: 4104 tubes (max)
- Operating Temperature: 5 °C, +- 5 °C
- Module size: 47" w x 56" l x 90" h

Features

- Tubes automatically returned to the transport system
- Tray and coordinate of tubes stored in database or LIS
- Rear tray removal for longer term storage
- Refrigerated storage

Benefits

- Reduces manual handling time of specimens
- Creates steady work flow process
- Reduces turn around time
- Reduces errors
- Improve specimen integrity

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