MicroVert

MicroVert Small Footprint
Secure Storage System

The MicroVert brings warehouse strength inventory control to applications requiring secure storage for high-value items in a limited space. Applications include pharmaceutical, medical device, and medical instrument storage in a variety of healthcare facilities, as well as vendor-managed inventory (VMI) applications for a variety of industries.

The MicroVert's compact storage and wireless, web-enabled Genesis inventory management software provide an ideal system to securely store and manage high-value inventory. For example, in a doctor's office, CFR Title 21, Part 203 requires pharmaceutical manufacturers to record and manage every pharmaceutical distributed to a licensed physician, including the total number of samples distributed and to whom, and report any pharmaceutical lost or stolen since their most recent inventory. The MicroVert, with its standard Genesis software, on-board PC, and 17" color touch screen monitor, meets these requirements with multiple levels of access security and complete inventory tracking and control in real time. Access is controlled both at the point- of-use and remotely through a proprietary web-portal.

The MicroVert uses proven vertical carousel storage technology. It has more than ten cubic feet of storage capacity within eight pans. Each pan is rated to safely hold 50 pounds, for a total of 400 pounds per MicroVert. Pans can be divided into eight sections for up to 64 discrete, secure locations per machine. There are four discrete openings and nine individually programmable opening configurations.

MicroVert's advanced Genesis software provides comprehensive security, inventory management, and tracking. In fact, Genesis delivers the VMI capabilities that many users, manufacturers, and distributors will find add value to their bottom line.

MicroVert provides control of high-value inventory at the point of use, preventing out-of-stock situations, managing product expiration, and eliminating inventory shrinkage. In addition, manufacturers and distributors can also use the MicroVert to offer customers VMI inventory with complete, remote management capabilities using web-enabled Genesis software. Genesis can also interface with most ERP and pharmacy management software systems.

SPECIFICATIONS

Overall Dimensions and Construction

Machine Height: 65"

Machine Width: 38"

Machines Depth: 29"

Frame Construction: Fabricated

Panel Construction: Painted steel standard; ABS or stainless steel optional

Paint: Anti-microbial powder coat

Door Configuration: 4 manual doors standard; 2 automatic, 3-position programmable sliding doors optional; nine discreet programmable opening configurations

Casters: 2 fixed and 2 rotating/lockable "medical grade" casters

Pan Details

Number of Pans: 8

Pan Height: 11"

Pan Depth: 8.5"

Pan Width: 24"

Pan Capacity: 50 lbs per pan

Pan Construction: Powder coated steel standard; stainless steel optional

Pan Style: Open pan standard; vertical, horizontal, of quad pan dividers optional; or drawers optional

Pan Index Speed: programmable up to 12' per minute

Power and Controls

Electrical Power: 120 volts, AC, single-phase, 15 amps

Connection: 8' three-prong power cord

Drive: Single 1/2 hp AC gear motor with direct drive

Controls: PLC machine control with integrated industrial PC

HMI: Integrated 17" color touch-screen on "swing-arm"

The MicroVert delivers the following advantages:

- **Productivity** – eliminates walking and searching for inventory.

- **Security** – inventory is always accurate, secure, and out of harm's way. Genesis software provides multiple layers of security, from PIN codes to swipe cards and RFID readers. Optional on-line physical signature and photo recording of any transaction is available.

- **Space usage** – provides efficient storage capacity, saving substantial space compared with conventional static storage.

- **Picking accuracy** – enhances pick accuracy while the Genesis proprietary web portal allows remote monitoring and inventory management from anywhere in the world.

- **Ergonomics** – securely stores product at the point-of-use and presents it to the user at an ergonomically correct height.