

# MedCarousel



## Key Benefits

- Slash picking and restocking errors by up to 96%<sup>1</sup>
- Increase picking labor efficiency by 83%<sup>2</sup>
- Reduce technician training time by 85%<sup>1</sup>
- Increase inventory turns by up to 65%<sup>1</sup>

## Automated Medication Storage and Retrieval System

The MedCarousel® system automates the management of restock, first dose, and scheduled medications. The bar-code-based scanning and pick-to-light technologies increase picking accuracy and speed. By prioritizing orders for technicians to user specifications, the MedCarousel increases staff efficiencies and decreases unit-based cabinet stock outs. The advanced software manages a hospital's medication inventory in real-time. Dynamic inventory optimization applies user-defined parameters and historical usage statistics on a per-drug basis to reduce medication stock outs and increase inventory turns. MedCarousel improves space efficiency up to 60 percent over static shelves by fully utilizing vertical space.

1 Shack, J., Tulloch, S. (2003), *Wesley Medical Center continues to improve world class patient safety, generates 211% ROI with McKesson's MedCarousel and Fulfill-Rx* (Case Study). Fairport, NY: Shack & Tulloch, Inc.

2 Shack, J., Tulloch, S. (2008), *Rural, nine-hospital system sees huge gains in medication safety, productivity and cost savings with a single-source, single-interface solution* (Case Study). Fairport, NY: Shack & Tulloch, Inc.

# MedCarousel

## Product Specifications

### Description:

MedCarousel is a vertical, automated storage and retrieval system for medications in hospital pharmacies. Standard features include: 99 horizontal-position lights, four depth-position lights, lockable doors, emergency stop/override, service, and load indicators. Compared to competitor solutions, MedCarousel has 33 percent more medication storage density for the same number of carriers.

### Storage Capacity:

- From 2,000 to 5,000 medication storage locations
- Stores bulk and unit-dose solid, liquid, IV, and odd-form medications
- Two storage bin sizes: 4" and 8" (10 and 20 cm)
- Between 8-20 shelf carriers with 24-60 levels

### Dimensions:

*Exact unit dimensions and weights vary by model.*

- Unit overall height: 92.25" - 189" (234.3 - 480.1 cm)
- Unit overall width: 115.5" (293.4 cm)
- Overall unit depth (without counter): 46.5" (118.1 cm)
- Counter width: 141" (358.1 cm)

### Most Popular Models

Model	Dimensions	Pitch
180S	116" W x 47" D (294.6 x 119.4 cm)	16.25" (41.3 cm)
180W	134" W x 47" D (340.4 x 119.4 cm)	16.25" (41.3 cm)
181S	116" W x 65" D (294.6 x 165.1 cm)	16.25" (41.3 cm)
181W	134" W x 65" D (340.4 x 165.1 cm)	16.25" (41.3 cm)

### Weight:

- 5,144 - 9,914 lbs. (2,335.4 - 4,501 kg)

### Electrical Power:

- 208 - 3 Phase/60Hz

**McKesson**  
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## Unsurpassed Productivity and Inventory Management

MedCarousel automates medication dispensing and inventory control, drastically reduces dispensing and restocking errors, and significantly increases productivity and space efficiency. MedCarousel drives results with its rotating shelves, pick-to-light technology, forced compliance bar-code scanning process, and comprehensive, integrated workflow software.

### Visual Assign

Visual Assign of medications provides a graphical representation (top down view) of the actual shelves. This facilitates a more intuitive and efficient management of bins/containers for medication assignments and reallocations. Visual Assign also includes multiple right-mouse options, drag and drop capabilities, and a temporary staging area.

### Dynamic Inventory Optimization

Dynamic Inventory Optimization functionality automatically applies user-defined parameters to calculate par/max medication levels based on historical usage. This capability reduces medication stock outs and leads to increased inventory turns.

### Ultra Mobile PC

The optional wireless Ultra Mobile PC improves pharmacy workflow and provides maximum flexibility, enabling technicians to perform cycle counts and satellite replenishment functions as part of the MedCarousel inventory control software.

## Increase Medication Safety and Process Efficiency

MedCarousel's advanced technology exhorts safety practices while fueling operational efficiencies throughout the pharmacy.

### • Simplify Cabinet Fill

MedCarousel dramatically increases efficiency through "cabinet batch fill", filling the same medications for multiple cabinets at one time. (Manual processes typically require following a paper-based pick list and walking to shelves multiple times for each cabinet.) Real-Time Cabinet Polling for AcuDose-Rx® enables polling of the latest cabinet needs whenever pharmacy staff is ready to fill cabinets.

### • Reduce Picking Errors

Decrease picking and restocking errors by up to 96 percent through advanced workflow software, pick-to-light, and bar-code scanning technologies.

### • Speed the Picking Process

Increase speed of medication picking by up to 83 percent. MedCarousel utilizes Connect-Rx® software to prioritize workflow, enabling technicians to work on the most important orders in the queue.

### • Speed Restocking

Improve the speed and accuracy of restocking. Bar-code scanning identifies medications and verifies restock locations. Indicator lights guide technicians to the correct level and bin.