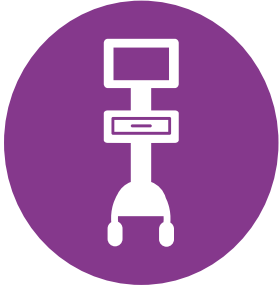




HI-PINNACLE E



HI-PINNACLE E



The HI-PINNACLE E cart line further streamlines your medication management. From the innovation of its interchangeable cassette system to the superior security of its advanced locking mechanism, the HI-Pinnacle E incorporates a range of features expressly integrated to boost staff efficiency and ease workflows.

FEATURES

- Central control panel with convenient electronic monitor adjustment, lighting controls and storage management
- Slide-out keyboard tray with integrated wrist rest (max keyboard dimensions 18.2" W x 7.5" D x 1.6" H)
- LED keyboard light for keyboard in upper tier
- Keyboard is auto-leveling with a -15 degree negative-tilt and a positive-tilt up to 6 degrees
- VESA monitor mount has tilt, swivel, and rotation adjustments
- Flexible storage configurations can be customized to fit multiple workflows
- Universal accessory mounting locations and adapter brackets for left and right side walls
- Large, raised-edge worksurface area (18"W x 16.25"D) with translucent protective cover
- LED work surface light with 2 brightness levels
- Medical grade (all touch surfaces)
- Dedicated cable management area with easy access panels to manage and house excess cables
- Integral AC power distribution with 6 AC receptacles for powering customer equipment
- Battery fuel gauge
- Available with on-demand steer assist technology (SAT)
- When SAT is engaged, the rear casters act as pivot points, easing and stabilizing the navigation, and effortlessly allows the end user to navigate around corners, doorways, and other changes in direction
- Ergonomic steering handle
- The easy-swap cassettes allow the HI-Pinnacle cassettes to be easily swapped between the cart to a Transfer cart
- External trash (left side) 11.5"H x 14"W x 5.2"D
- 8ft coiled power cord with hospital-grade AC plug
- (4) 5" dual wheel premium casters (3 locking casters) 2 swivel, 1 brake, 1 steering
- Standard power module (smart charger) with intake filter
- Available with multiple power options that you can choose from to best fit your workflow: Howard Powermax 150 40 AH battery or the Howard Powermax 150 50 AH battery
- Remote cart monitoring and management software
- Advanced electronics are standard on the HI-Pinnacle E with features such as: drawer sensing, automatic drawer lighting, and drawer ajar alarm
- Mouse surface and mouse holder
- Cart and cart accessories ship fully assembled in one box for convenience
- Meets UL and CUL standards





HI-PINNACLE E
MODEL 15



HI-PINNACLE E
MODEL 45

DIMENSIONS

The dimensions and data below is a comparison of the various HI-Pinnacle E carts. Contact your local Howard Medical Account Executive for further information.



OVERALL DIMENSIONS

HI-PINNACLE E/X			
		Model 15	Model 45
Overall Dimensions (in)	Width	29.6	41.1
	Depth	25.0	25.0
	Height	41.8	41.8
Caster Size (in)		5.0	5.0



HI-PINNACLE E/X			
		Model 15	Model 45
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	Depth	25.0	25.0
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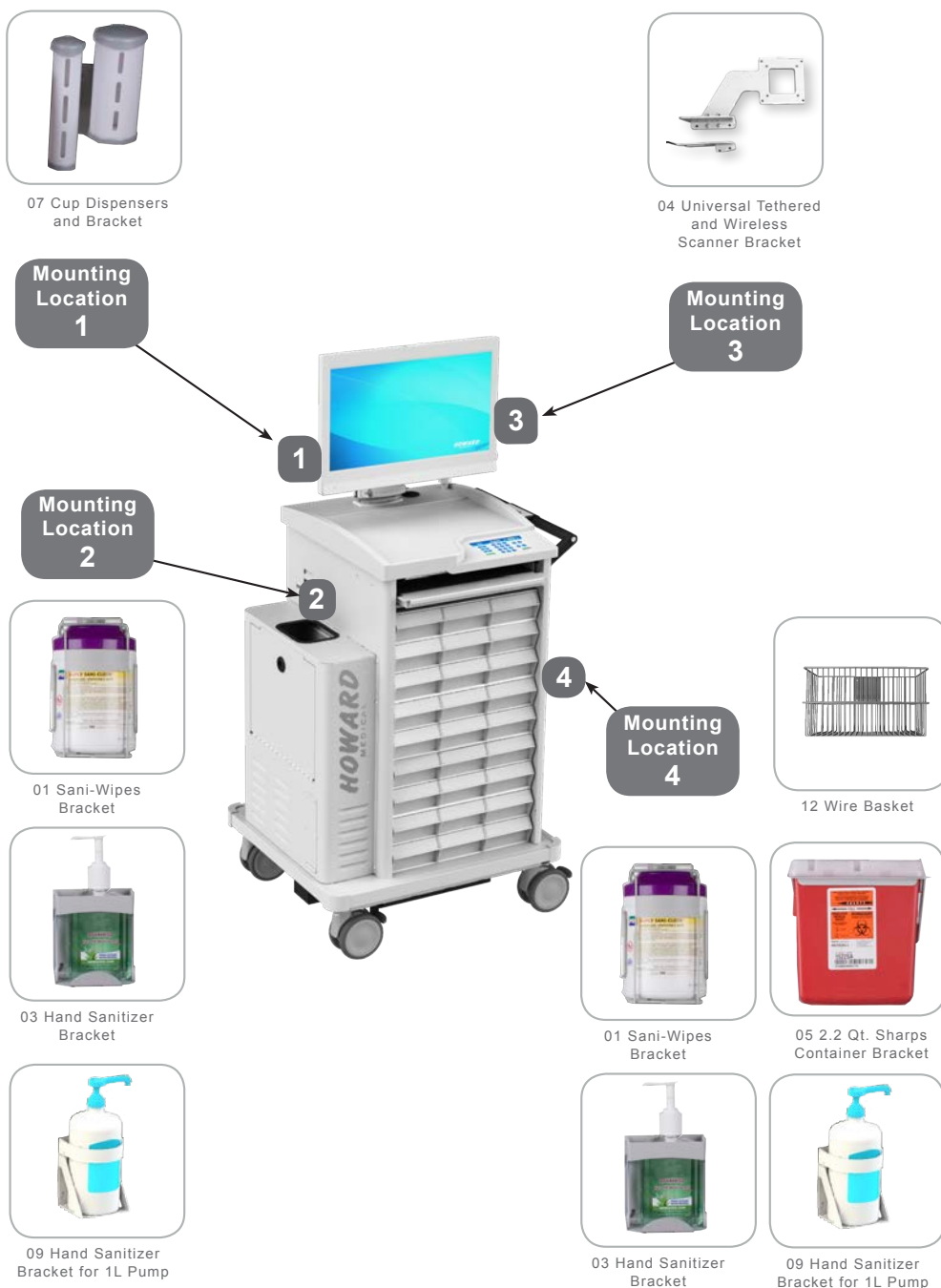
HI-PINNACLE E/X				
Left Side Storage			Model 15	Model 45
Bin Sizes (in)	5.5" Bin	Width	4.6	4.6
		Depth	11.8	11.8
		Height	2.3	2.3
Bin Sizes (in)	8.25" Bin	Width	7.5	7.5
		Depth	11.8	11.8
		Height	2.3	2.3
1-Tier Storage Drawer (in)		Width	15.7	15.7
		Depth	12.0	12.0
		Height	2.0	2.0
2-Tier Storage Drawer (in)		Width	15.7	15.7
		Depth	12.0	12.0
		Height	4.7	4.7
3-Tier Storage Drawer (in)		Width	15.7	15.7
		Depth	12.0	12.0
		Height	7.8	7.8
4-Tier Storage Drawer (in)		Width	15.7	15.7
		Depth	12.0	12.0
		Height	10.9	10.9

bin dividers are included with bins



ACCESSORY OPTIONS

Howard offers several accessory mounting options and configurations that provide a smoother and more sanitary work flow. With hundreds of options and configurations available, you can tailor your cart to best fit your facility's needs and applications.



accessory options may vary between carts
mounting locations are not available for all Howard carts

POWER OPTIONS

HOWARD POWERMAX 150



40 AH BATTERY

- 3-year lithium iron phosphate battery defect
- 3-year lithium iron phosphate battery performance
- 3-year or 3000 cycles, (battery will maintain 50% or greater of charging capacity)
- 5-year optional upgrades available
- 40 Ah / 512 Wh lithium iron phosphate battery
- 150W inverter
- Run time: 10 hr (full charge to 0% charge)
- Battery life expectancy: 5+ years

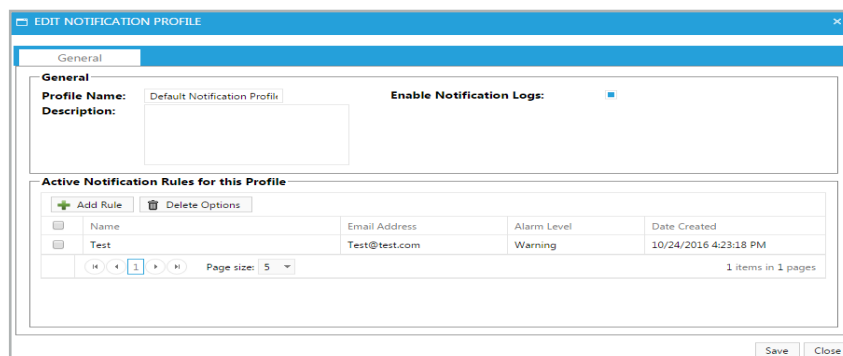


50 AH BATTERY

- 3-year lithium iron phosphate battery defect
- 3-year lithium iron phosphate battery performance
- 3-year or 3000 cycles, (battery will maintain 50% or greater of charging capacity)
- 5-year optional upgrades available
- 50 Ah / 640 Wh lithium iron phosphate battery
- 150W inverter
- Run time: 12.5 hr (full charge to 0% charge)
- Battery life expectancy: 5+ years

CART SOFTWARE

Howard's specialized Software Solutions help you manage your assets more effectively by optimizing cart performance and maximizing availability. With features such as remote monitoring and configuration, as well as data and event logging, you have instant access to vital information about cart power and medication dispense systems.

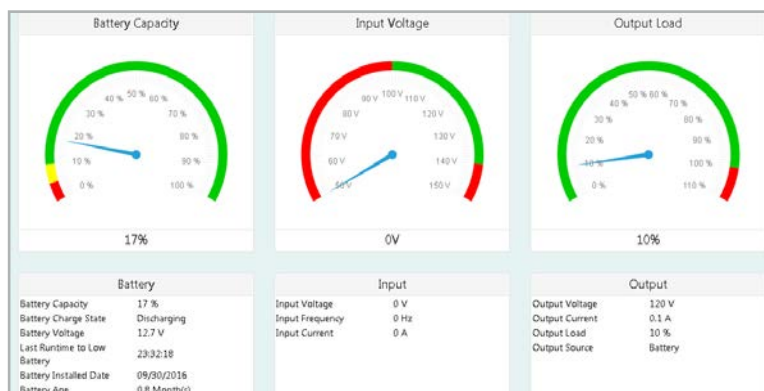
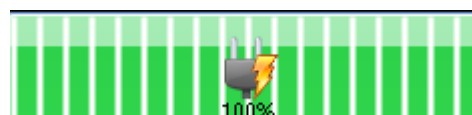


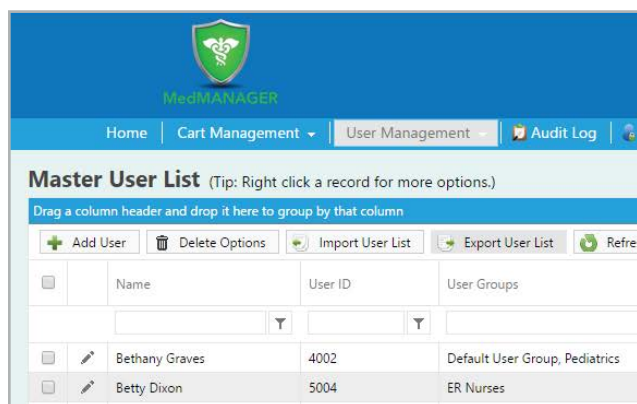
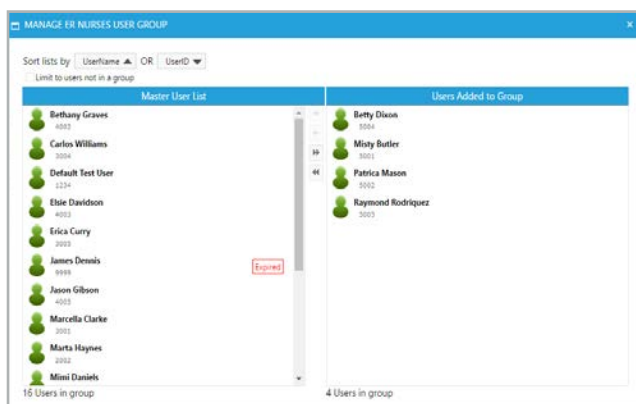
POWER MANAGER

Power Manager is a powerful web based tool for remote monitoring and management of cart power systems on your entire fleet of Howard Medical carts. The application runs as a web service allowing easy access by an administrator anywhere on your network via a web browser. Carts on your network will automatically "call home" to Power Manager, announce themselves and request to be managed and then periodically "call home" to report power system data. Power Manager provides administrators detailed control over power system data logging, alarm thresholds, and notification rules used for real-time alarm notification. Data from cart power systems throughout your fleet is continuously pushed up to and stored in Power Manager for later review. Robust data mining and reporting tools are available to analyze collected cart power system data or you can export the data for further analysis by 3rd party tools. Power Manager also keeps track of the last two wireless access points used by each cart to "call home" thus providing a simple way to track recent movement of carts and to determine the last known location of carts that have gone offline. Power Manager can be used with all Howard carts.

POWER DISPLAY

Power Display is a web based tool that runs on the local computing device on each cart providing direct access to power supply data as well as communication with Power Manager. Power Display also provides a small on-screen battery fuel gauge that displays real time battery capacity and charging state. The web interface provided by Power Display allows you to view the cart's real time power data, power data logs, and event data logs from a browser either locally at the cart or from any location on the network. The Power Display background service, which is transparent to local users, handles communication with Power Manager to periodically "call home" and report power system data.





MED MANAGER

Med Manager is a powerful web based tool for remote management of cart settings and med drawer access permissions on your entire fleet of Howard Medical carts. The application runs as a web service allowing easy access by an administrator anywhere on your network via a web browser. Carts on your network will automatically “call home” to Med Manager, announce themselves and request to be managed and then periodically “call home” to check for new data. Med Manager provides administrators detailed control over cart behavior and user permissions individually or in groups. Data from carts throughout your fleet is continuously pushed up to and stored in Med Manager for later review including general cart configuration data and detailed information about who accessed which drawers and when. Robust data mining and reporting tools are available to analyze cart, user, and med drawer access data or you can export the data for further analysis by 3rd party tools. Med Manager also keeps track of the last two wireless access points used by each cart to “call home” thus providing a simple way to track recent movement of carts and to determine the last known location of carts that have gone offline. Med Manager can be used with all Howard carts that include electronic locking storage and can be used with X series carts with or without storage.

MED DISPLAY

Med Display is a Windows application that runs on the local computing device on each cart providing direct access to local med drawer cabinets, cart settings, audit records, and drawer calibration. The Med Display background service, which is transparent to local users, handles communication with Med Manager and periodically “calls home” to report any new audit data and retrieve any pending cart updates.



WARRANTY

Howard Medical's commitment to providing unmatched customer service and support continues long after a sale is final. Our technology staff provides 24/7 technical support (excluding US holidays) for as long as you own your Howard product. Our friendly, US-based team of experts will answer your questions about the product, hardware setup, or installation, and with telephone hold times of typically less than a minute.



Standard Limited Warranty on Powered Medical Carts:

- 3-year standard warranty
- 3-year mechanical
- 3-year electrical
- 3-year lithium phosphate battery defect
- 3-year lithium phosphate battery performance

Standard Limited Warranty on Non-Powered Medical Carts:

- 3-year standard warranty
- 3-year mechanical

Upgraded Limited Warranty on Powered Medical Carts:

- 5-year mechanical
- 5-year electrical
- 5-year lithium phosphate battery defect
- 5-year lithium phosphate battery performance

Fixed Solutions:

- 5-years on wall-mounted arms
- 3-years on wall-mounted cabinet

Computers and Other Peripheral Devices:

- See manufacturer's warranty

PROFESSIONAL SERVICES

The Howard Medical Professional Services Team has technical specialists nationwide and is known as one of the industry's premier service providers, with a history of successfully serving clients for more than a decade. Our dedicated employees are completely focused on customer satisfaction, giving Howard Medical the resources to provide a solution that is just right for you. Whether your project is large or small, single-site or across multiple facilities, you can trust our experience to work for you!



Deployment Consultation



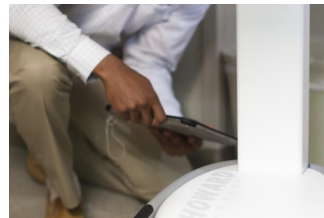
In-Service Training



Technical Integration & Setup
Training / Consultation



On-Site Setup and Integration



On-Site Repair



Preventative Maintenance

We Also Offer:

- Complete In-Factory Integration
- Technical Training
- Equipment Cleaning With Disinfectants
- Service Level Agreement
- Battery Replacement Program
- Product Removal and Recycling
- Technology Installation
- Annual Fleet Audit
- In-Factory Imaging
- White-Glove Delivery With Trash Removal



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