# MobileCare
## medical carts



**DETECTO**®

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## Innovation and Customization

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## 3 Lock Types
Electronic (RFID and Touchscreen Pincode) | Quick Release | Keyed

# Customized Mobile Medical Storage Built With the Active User in Mind

- Over a million different configurations available to specifically suit your applications
- 4 different drawer heights and 3 cart widths available standard for multiple configurations
- Your choice of electronic, quick release, or keyed locks
- Electronic carts work with all 3 RFID frequency card types
- Up to 5,000 users available per electronic cart
- 10 standard colors and all possible Pantone and RAL colors available
- Made in USA (of American and foreign components): TAA compliant

Wide range of versatile accessories available (see page 8).

Soft close drawers standard for added convenience.

# Innovative Quick Release Lock Saves Lives When Seconds Matter Most

The green flag on the top panel indicates that the cart is stocked, locked, and ready to use.

Pressing the Quick Release button instantly unlocks all drawers and the flag changes to red.

**Unique Quick Release plunger with breakaway plastic tags and red/green flag can save lives when a patient codes. It can be reset easily by biomed afterward.**
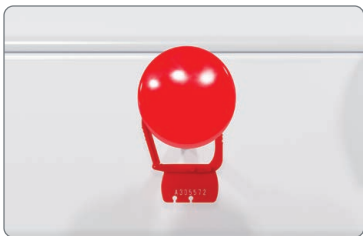
Quick Release button with optional breakaway plastic seal

Keyed lock

Optional red plastic seal can be used with the Quick Release button. Model number CAPS comes in quantities of 50 tags, individually numbered.

# Most Advanced Security Levels in the Medical Cart Market

## Electronic Carts with Proprietary Onboard and PC Software Developed by DETECTO


Touchless RFID card badge scanning
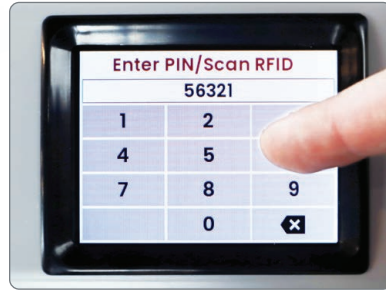

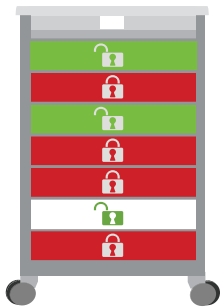Touchscreen LCD for entering pincodes

### 3 Different RFID Frequencies Available:

- 125kHz ("LF" HID compatible and EM4001 cards)
- 13.56 MHz ("HF" Proximity Cards, ISO/IEC 14443 A/B)
- 13.56 MHz (HF) Vicinity Cards and Tags, ISO/IEC 15693



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**Abby Lockhart**



Graphical cart diagrams illustrate which drawers are locked, unlocked, and opened.

### Drawer Access

| | |
|---|---|
| ✓ Drawer 1 | ○ Drawer 4 |
| ○ Drawer 2 | ✓ Drawer 5 |
| ✓ Drawer 3 | ○ Drawer 6 |

**Next**

Assign individual drawer level access within the easy-to-use admin settings right at the cart.

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## Main Menu

**USERS**

**AUDIT TRAIL**

**SYSTEM**

**ALARMS**

The full-color touchscreen LCD has graphical menus for easy navigation and controls.

### Alarms

| | |
|---|---|
| Alarm Volume | 10 › |
| Alarm Silence Timeout | 10 › |
| Drawer Ajar Alarm 60 seconds | › |

You have complete control within the onboard user interface over settings such as the drawer alarms.

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## Abby Lockhart

| | |
|---|---|
| Add RFID Card | › |
| Change Password | › |
| Change Drawer Access | › |
| Delete User | › |

Admins can easily set up new users directly at the cart or within the included PC software.

### Audit Trail

10/10/2022 – 10:58 am
Abby Lockhart 0418
Successful Login
Drawers unlocked: 1,3,4,5

The audit trail tracking allows you to check accountability of individual drawer inventory.

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- Full-color touchscreen LCD with graphical menus on electronic carts
- Up to 5,000 users available per electronic cart
- Dual authentication available in electronic carts: RFID and pincode touchscreen entry
- Electronic cart unlocking with one lock and individual drawer sensors, individual drawer locks and individual drawer sensors, or simply one lock

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*medical carts*

# Powerful PC Software Included to Manage Your Carts via Secure Wi-Fi/Bluetooth



## Proprietary PC Software Developed by DETECTO

- One centralized point via the included PC software for all your employee access and updates
- Detailed audit employee tracking to mitigate narcotics theft
- Electronic cart alarms: audible alert (with timing settings) and e-mail/text notifications (up to 3 admins each)





Easily add new carts with up to 3 admins each for text and e-mail notifications.



The included PC software allows you to quickly add new users and you can select dual authentication for RFID card AND pincode access.



You can easily select which individual drawers users have access to if your cart has individual drawer locking.



The PC software allows you to update individual users, carts, locations/building, and departments all from one centralized location.



The MobileCare's high security level of admin provides detailed auditing for employee tracking to mitigate narcotics theft.



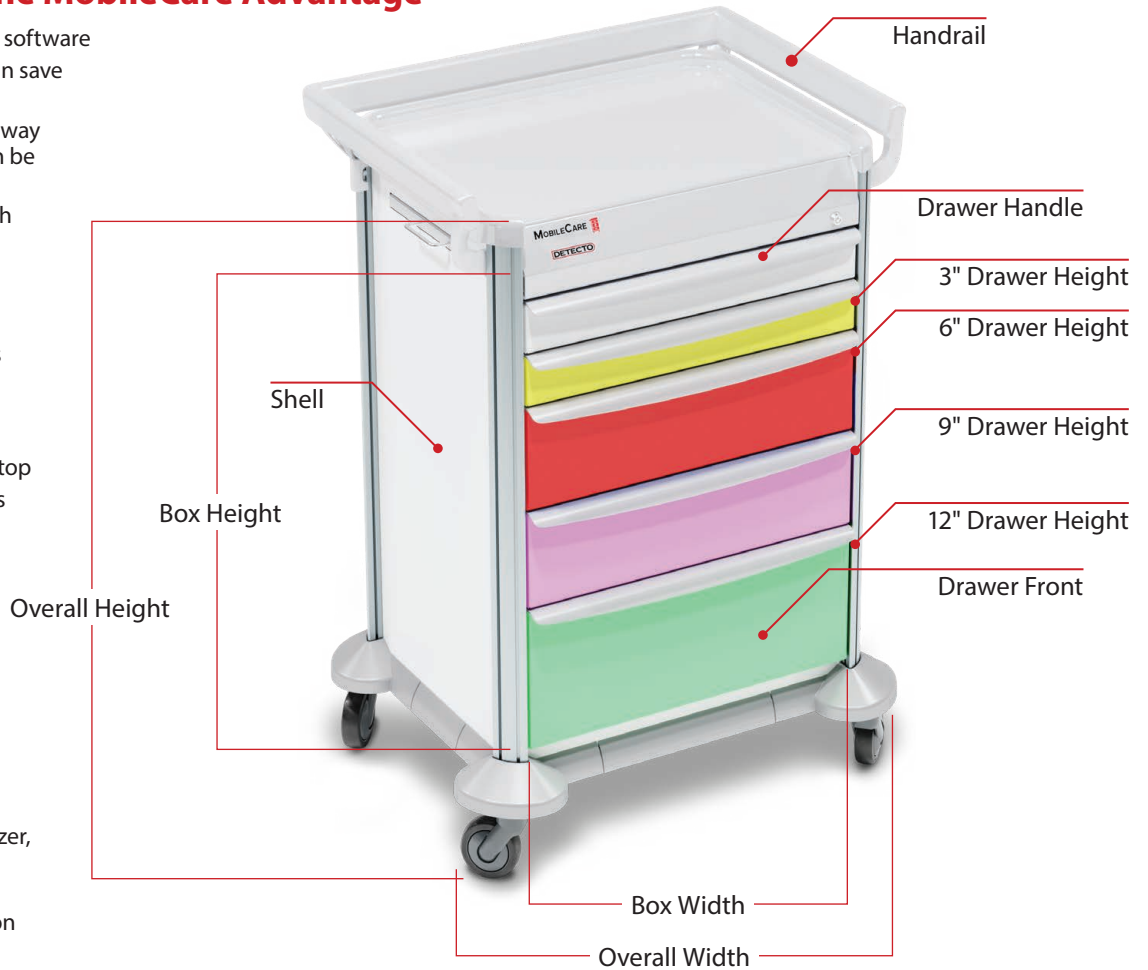The PC software allows you to print, download, and export detailed history reports (holds up to 50,000 records).

# Nearly Unlimited Configurations and Colors

## Key Differentiators: The MobileCare Advantage

- User setup at the cart or within PC software
- Unique quick release unlocking can save lives when a patient codes
- Quick release plunger with breakaway plastic tags and red/green flag can be reset easily by biomed
- ABS thermoplastic countertop with molded edges that is all one continuous piece for optimal hygienic clean-up
- Seamless shell body without any exposed holes for flush clean lines and more aesthetically pleasing appearance
- Aluminum cart body, high-impact plastic bumpers, and ABS countertop
- Two soft-close side extension trays included standard for additional counter space
- Standard full wrap-around high-impact bumper trim
- Versatile corner extrusion mounting for easy optional accessory attachment with customized locations
- Full range of accessories available: IV pole, sharps container holder, defibrillator shelf, cardiac board, oxygen tank holder, 12-bin organizer, catheter holder, waste bin, and many more
- The most robust cart customization on the market to fit your needs

Handrail

Drawer Handle

3" Drawer Height

6" Drawer Height

Shell

9" Drawer Height

Box Height

12" Drawer Height

Drawer Front

Overall Height

Box Width

Overall Width

## Multiple Handrail Configurations

3 Handrails

2 Handrails

1 Handrail

## 10 standard colors and unlimited Pantone and RAL color options

Standard Colors

Optional Colors

| Blue | Yellow | White | Red | Green | Grey | Orange | Pink | Purple | Navy |
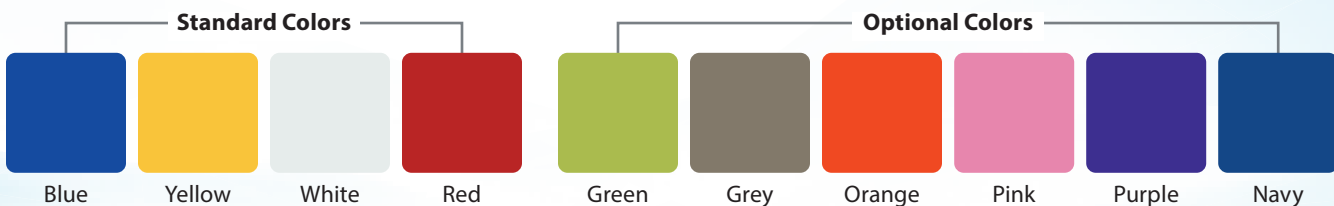
Easy-grip handrails that are height adjustable and can be included on 1, 2, or 3 sides or none, depending on your preference.
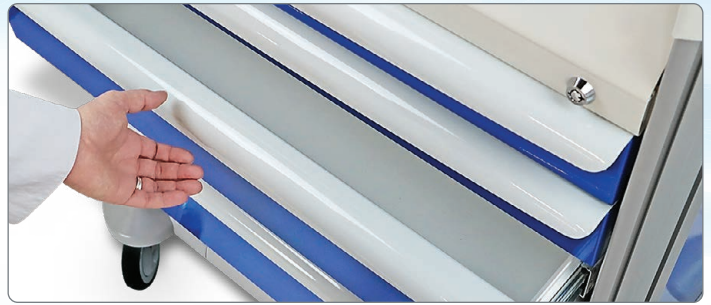


Soft-close drawers elegantly glide shut (standard feature), allowing nurses to easily close the drawers without even using any hands.



Seamless side panels without exposed holes provide more hygienic clean-up and flush clean lines for a more aesthetic appearance.



ABS thermoplastic countertop with molded edges that is all one continuous piece for optimal hygienic clean-up.



Four bumpers and 5-in-diameter 1 or 2 wheel casters with features such as anti-static, total lock, and bead chain for static disipation. Tente optional.



Roomy drawers maximize storage space with infinite combinations available in 3, 6, 9, and 12 inch drawer heights in 16.5, 23, and 29 inch widths.



Soft-close side extension trays on each end provide additional pull-out counter space.
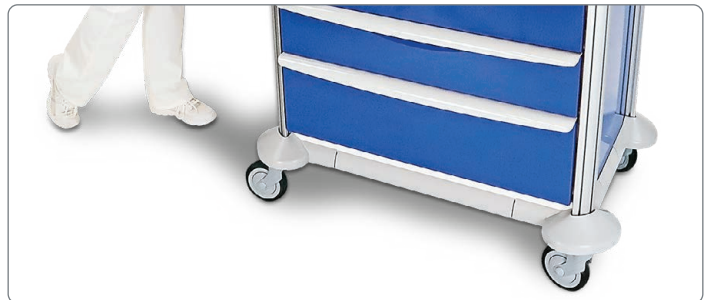


DETECTO MobileCare carts offer easy mobility for smooth transport and nimble maneuvering.



Electronic carts are powered by 12 off-the-shelf Alkaline or rechargeable D batteries.



Slideout USB port for field software updates for onboard electronics.

## SPECIFICATIONS

| | |
|---|---|
| **Construction** | Aluminum (Cart top, bottom, sidewalls, drawer fronts and slides, corner extrusions, and 2 work trays) |
| **Available Color Finish** | 10 standard colors and all possible Pantone and RAL colors optional |
| **Handrails** | 0 to 3 (None, Back Only, Both Sides, Back and Both Sides) |
| **Bumpers** | Wrap around high-impact ABS thermoplastic |
| **Wheel Diameter, Type** | 5 in (12.7 cm) 1-wheel casters with lock standard. 2-wheel casters and anti-static type are optional. |
| **Countertop** | Wrap-around, high-impact ABS thermoplastic |
| **Lock Types Available** | Keyed Lock<br>Quick Release<br>Electronic, Standard Lock<br>Electronic, Standard Lock with Individual Drawer Sensors<br>Electronic, Individual Drawer Lock with Individual Drawer Sensors |
| **Quick Release Button** | 1.5 in (38.1 mm) Diameter |
| **Overall Dimensions (H x W x D)** | (Height includes handrail, width and depth are to edge of bumpers) |
| 16.5 in Drawers | 43.9 in x 27.0 in x 26.7 in (111.5 cm x 68.6 cm x 67.8 cm) |
| 23 in Drawers | 43.9 in x 33.5 in x 26.7 in (111.5 cm x 85.1 cm x 67.8 cm) |
| 29 in Drawers | 43.9 in x 39.5 in x 26.7 in (111.5 cm x 100.3 cm x 67.8 cm) |
| **Box Dimensions (H x W x D)** | |
| 16.5 in Drawers | 27.0 in x 16.5 in x 18.0 in (68.6 cm x 41.9 cm x 45.7 cm) |
| 23 in Drawers | 27.0 in x 23.0 in x 18.0 in (68.6 cm x 58.4 cm x 45.7 cm) |
| 29 in Drawers | 27.0 in x 29.0 in x 18.0 in (68.6 cm x 73.7 cm x 45.7 cm) |
| **Top Work Surface Dimensions (W x D)** | |
| 16.5 in Drawers | 20.6 in x in 19.0 (52.3 cm x 48.2 cm) |
| 23 in Drawers | 27.1 in x in 19.0 (68.8 cm x 48.2 cm) |
| 29 in Drawers | 33.1 in x in 19.0 (84.1 cm x 48.2 cm) |
| **Drawer Configuration (Drawer Height)** | 3 in (7.6 cm), 6 in (15.2 cm), 9 in (22.9 cm), & 12 in (30.5 cm) |
| **Drawer Internal Dimensions** | |
| (Width x Depth) | |
| 16.5 in Drawers | 16.4 in x 17.9 in (41.7 cm x 45.5 cm) |
| 23 in Drawers | 22.9 in x 17.9 in (58.2 cm x 45.5 cm) |
| 29 in Drawers | 28.9 in x 17.9 in (73.4 cm x 45.5 cm) |
| (Height) | |
| 3 in Drawers | 2.6 in (6.6 cm) |
| 6 in Drawers | 5.6 in (14.2 cm) |
| 9 in Drawers | 8.6 in (21.8 cm) |
| 12 in Drawers | 11.6 in (29.5 cm) |
| **Drawer Weight Capacity** | 3 in (7.6 cm), 6 in (15.2 cm), and 9 in (22.9 cm) – 50 lb (22 kg)<br>12 in (30.5 cm) – 100 lb (45 kg) |
| **Display Type** | 3.2 in (81.3 mm) diagonal, full-color TFT display, 320 x 240 resolution |
| **Touch Screen** | Resistive touch panel covering the display |
| **Communication Interfaces** | Wi-Fi and Bluetooth |
| **RFID Types** | 125kHz ("LF" HID compatible and EM4001 cards)<br>13.56 MHz ("HF" Proximity Cards, ISO/IEC 14443 A/B)<br>13.56 MHz (HF) Vicinity Cards and Tags, ISO/IEC 15693 |
| **Alarm Duration** | Continuous until Snooze is pressed or battery is depleted |
| **Power Requirements** | 100 to 240V AC universal switching power supply or 12 "D" cell Alkaline, Ni-Cad or NiMH batteries (not included) |
| **Battery Runtime*** | 45 days with Alkaline batteries, 30 days per charge on 10,000mAh NiMh batteries<br>*Battery runtime based on 20 unlock/lock cycles per day and 5 minutes of active time per hour. |
| **Battery Recharge Time** | 40 hours to recharge fully depleted 10,000mAh batteries |
| **Operating Environment** | Operated Temperature Range: 14 to 104 ºF (-10 to +40 ºC)<br>Humidity: 0 to 90% non-condensing |
| **Storage Environment** | Storage Temperature Range: -4 to 176 ºF (-20 to +80 ºC)<br>Humidity: 0 to 95% |
| **PC Software Requirements** | Windows® 10 or greater or Windows Server® 2016 or greater and SQL Express |
| **PC Hardware Requirements** | (SQL Express requirements) |
| Hard Drive Storage | A minimum of 6 GB of available space |
| Memory | 1 GB Recommended |
| Processor | 2.0 GHz or faster recommended |
| Monitor Display | Super-VGA (800x600) or higher resolution monitor |
| Internet | For Internet functionality (fees may apply) |
| **Cart Users Available** | 5,000 Users |
| **PC Software Records Available** | 50,000 records available in the audit trail (typical PC App Server software configuration) |
| **Net Weight** (3 handrail models, no accessories) | |
| 16.5 in Drawers | 148 lb (67.1 kg) |
| 23 in Drawers | 163 lb (73.9 kg) |
| 29 in Drawers | 188 lb (85.3 kg) |
| **Shipping Weight** (includes packing material) | |
| 16.5 in Drawers | 203 lb (92.1 kg) |
| 23 in Drawers | 218 lb (98.9 kg) |
| 29 in Drawers | 243 lb (110.2 kg) |
| **Country of Origin** | USA |

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medical carts

# MobileCare medical carts

## Accessories

| Main Features | Quick Release/ Keyed | Electronic | Standard |
|---|:---:|:---:|:---:|
| 50 lb capacity for 3, 6, and 9 in drawers and 100 lb capacity for 12 in drawers | ● | ● | ● |
| Versatile side extrusion mounting for easy optional accessory attachment | ● | ● | ● |
| Cart open indicator to clearly view when the cart has been opened | Quick Release | | ● |
| Elegant wrap-around handrail that is height adjustable (3-sided, 2-sided, 1-sided, or none) | ● | ● | ● |
| Soft-close drawers glide shut for superior convenience | ● | ● | ● |
| Modern aesthetics with durable powder-coat painted structure and smooth molded thermoplastic counterop and bumpers | ● | ● | ● |
| Completely sealed cart design for optimal hygiene | ● | ● | ● |
| Single drawer authentication with passcode access | | ● | ● |
| Double authentication with User ID and/or RFID | | ● | ● |
| RFID reader provides rapid and easy unlocking of specified drawers | | ● | ● |
| Electronic cart allows unlocking of all drawers | | ● | ● |
| Drawer opening time before alarm sounds is custom selectable | | ● | ● |
| Forced drawer opening alarm provides optimal security | | ● | ● |
| Drawer open time exceeded alarm | | ● | ● |
| Low battery alarm allows you plenty of time to recharge | | ● | ● |
| Audit trail provides detailed reporting on usage | | ● | ● |
| Wi-Fi and Bluetooth communication to server (enhanced Wi-Fi security) | | ● | ● |
| User setup at the cart or within Windows software | | ● | ● |
| Alkaline or rechargeable batteries | | ● | ● |
| Individual drawer open logging | | ● | ● |
| Detailed user access logging for superior cart management | | ● | ● |
| User interface with self-prompting graphical menus on full-color touchscreen | | ● | ● |
| Cart user admin through Windows software updated via Wi-Fi to carts | | ● | ● |
| Standard and customizable report generation | | ● | ● |

| | Accessory |
|---|---|
| | Adjustable Chrome IV Pole |
| | Aluminum Defibrilator Shelf |
| | Clear Acrylic Cardiac Board |
| | 12-Bin Organizer |
| | 5-Bin Organizer |
| | Oxygen Tank Holder |
| | Sharps Container Holder |
| | Waste Bin |
| | Glove Dispenser |
| | Catheter Holder |
| | Multi-Storage Bin |
| | 50 Red Plastic Seals, Individually Numbered |
| | Drawer Dividers |
| | Rear Accessory Mounting Rail |

## DETECTO®