



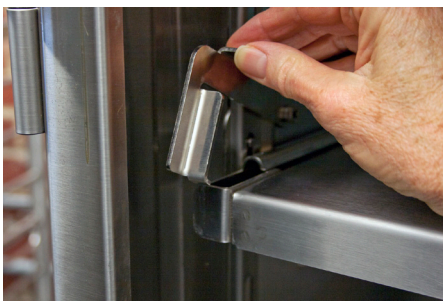
## Instruction for Use for Case Carts (includes Cleaning and Maintenance)

Remove all protective covering from the exterior of the cart. Covering must be removed before placing the cart into service.



**Doors** - To open, lift up on door latch paddle to open the door(s). On double door units, the right door must be opened before the left door. To close, swing door(s) back into cart, with the right door overlapping the left.

**Shelves** - Closed and Open Carts can contain solid, perforated or wire shelves. Shelf liners are not recommended.



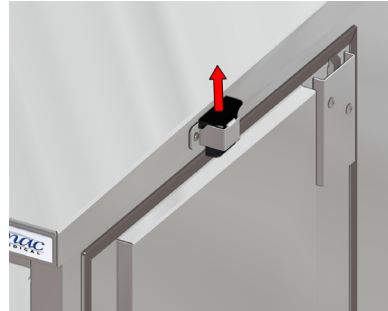
To lock a shelf, rotate the shelf latch towards the front of the shelf and snap into place over the shelf edge.

**Remove Shelves** - To remove a roll-out shelf (solid, perforated or wire), pull the shelf out along its rail until the first two rollers are visible. Then tilt up the shelf to free the first two rollers from the rail and continue to slide out until the second set of rollers are visible. Then lift out the shelf.

To remove non-roll out shelves on open carts, lift the shelf up, placing its bottom, length-wise rails on a shelf rung on one end of the cart, slide shelf along its rails out of the end of the cart and remove.

For closed carts with non-roll out shelves, pull up on the shelf arm until the arm elbows clear the slots. Then pull the arms out of the slots. Do the same for all the shelf arms and remove shelf. (See red oval, picture bottom right).

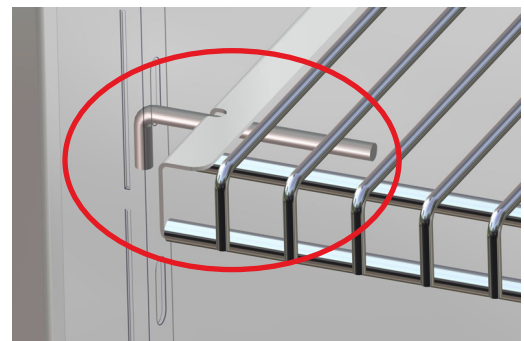
**Adjust Shelf Height for non-roll out shelves (Closed Carts)** - Adjust Shelf height by first removing the shelf. Move the shelf to the new position. Secure it in place by inserting the shelf arms into the slots.



**Door Catch** - To lock the door in the open position, rotate the door(s) against the side of the unit. Pull the door catch up and push the door under it and release. To close the door, pull the door catch up and close the door.



To unlock, lift up slightly on the shelf and rotated the shelf latch back to its original position.





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**Adjusting Shelf Level for Roll-out Shelves** - To adjust the shelf height, first remove the shelf.



1. Press the button to release the rail (both sides of the cabinet).
2. Lift rail up and push towards the back. Then tilt the rail up and pull forwards.
3. To set the rail in its new position, align the rear of the rail with the slots at the back of the cabinet at an angle.
4. Then slide the front of the rail down, making sure the pin is behind.
5. Pull the rail forward and down, so that the release button appears.
6. Then re-install the shelf after both rails have been adjusted.

**Casters** - Standard casters are 3 swivel and one directional lock wheels. The directional lock wheel is a foot-operated swivel lock caster.

- Push down on the green tab to lock the caster.
- Lift up on the green tab to unlock the caster.



**Optional Dispositional Monitor** - When contaminated items are transported in the closed case cart, the cart should be clearly labeled. Use the slide (sliding left or right) to indicate whether the contents are clean or dirty.



**Optional Flag System** - This feature comes with 3 flags, red, green and yellow.



**Optional Tamper Evidence** - Tamper evidence security tabs allow for security tags to be attached.





## Instruction for Use for Case Carts (includes Cleaning and Maintenance)

### Cleaning and Maintenance

Case Carts must be cleaned on a regular basis in order to prevent unnecessary damage to the stainless steel surface. When cleaning the Case Carts, make sure to use the proper cleaning agents and cleaning materials.

**CAUTION:** DO NOT USE the following materials and agents on the stainless steel surfaces:

- Abrasive Pads
- Scrapers (metal or plastic)
- Steel Wool
- Wire Brushes
- Hard water (pH above 7)
- Bleach or products containing Chlorine
- Ammonia
- Hydrochloric Acid
- Denatured Alcohol



**NOTE:** Always follow the manufacturer's directions for any chemicals used on the stainless steel surfaces of the Case Carts.

#### Approved cleaning materials and agents:

- Soft, clean lint-free cloth
- Non-abrasive cleaning pads
- Soft bristle brush
- Mild detergents
- Sodium Bicarbonate (baking soda)
- Distilled water (pH rating 7)
- White vinegar (in a spray bottle)
- Isopropyl Alcohol
- Hospital-grade non-bleach disinfectants
- Cleaners approved for use on stainless steel

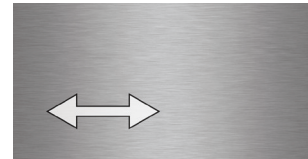
#### How to clean the Case Cart interior -

1. Open the door and remove all adjustable shelves and clips.
2. Clean the adjustable shelves and shelf clips separately.
3. Using a damp, lint-free cloth and approved cleaner, wipe down the interior of the Case Cart.
4. Use a lint-free dry cloth to dry the Case Cart interior or let air dry. If air drying, ALWAYS leave the Case Cart doors open.

#### How to clean the Case Cart exterior -

Stainless Steel:

1. Use a commercially prepared non-ammonia stainless steel cleaner (such as Windex®) and rinse with distilled water. Dry with a soft, clean, lint-free cloth.
2. Clean the Case Cart by scrubbing with the visible grain of the stainless steel.



Decals or Printed Labels:

1. Use distilled water and a mild detergent applied with a lint-free cloth. DO NOT use any chemical cleaners.
2. Clean the Case Cart with the grain of the Case Cart panel.

#### Case Cart Automated Cart Wash Parameters

1. The Cart Wash Chamber must be non-pressurized.
2. Water temperatures in the range of 140°F (60°C) to 180°F (82.2°C) are allowed with an exposure period not to exceed 30 minutes.
3. Hot air drying is allowed with the temperatures not to exceed 200°F (93.3°C) and an exposure period not to exceed 15 minutes.
4. Steam sanitation is allowed with the temperature not to exceed 212°F (100°C) and an exposure period not to exceed 15 minutes.
5. Phosphoric acid based sanitation is allowed with the concentration of phosphoric acid not to exceed 10% by volume.
6. Sodium hydroxide based sanitation is allowed with the concentration of sodium hydroxide not to exceed 10% by volume.
7. Potassium hydroxide based sanitation is allowed with the concentration of sodium hydroxide not to exceed 10% by volume.
8. Sodium hypochlorite, chlorine, chlorine dioxide and/or bleach based sanitation MUST be avoided.



## Instruction for Use for Case Carts (includes Cleaning and Maintenance)

### Precautions for Use - For these products to be used correctly, certain safety precautions must be adhered to.

- Take care when transporting the cart (i.e. doors properly secured and wheels unlatched).
- Doors should be closed during transport and when populated with supplies needed for surgery
- A document holder is provided on most models to hold pick lists or other necessary information
- Once items have been removed, the cart may remain for transport of used items. Staff handling contaminated items must follow facility guidelines and standard precautions
- After use, the cart should be properly decontaminated (See Cleaning and Maintenance)
- Once cleaned, the cart should be inspected for damage or wear. Shelves should be properly secured, doors should close and open easily, and wheels free of obstructions
- If necessary or deemed faulty, case cart should be taken out of service for maintenance or repair
- Take care when loading the cart, i.e. heavier sets placed on lower shelves. Do not stack wrapped trays as this may compromise their ability to maintain a sterile barrier. Tears will require reprocessing of the set.
- Sterilization containers should be placed flat on the shelf. Two (2) containers may be stacked, one on top of the other, for transport.
- OPTIONAL: When contaminated items are transported in the case cart, the cart should be clearly labeled. MAC Medical provides a sliding Disposition Monitor identifying contents with visible signage indicating that the contents are "CLEAN" or "DIRTY" (not safe for handling without taking proper protective precautions). In addition, MAC Medical also provides tamper-evident stainless steel tabs.

**Standard Equipment** - Closed case carts are standard with 6" high temp stainless steel casters (3 swivel & 1 fixed directional lock (SSD)), roll out perforated stainless steel shelves (-PS), 8-1/2" x 11" card holder, push handle, full wrap-around non-marring bumper. (\*additional sizes available to meet specifications).

Open case carts are standard with 6" composite casters (2 swivel and 2 locking), full wrap-around non-marring bumper, adjustable stainless steel shelves, guard rail

Options	Applies to:
Vertical Handle (VH)	Only on carts with height over 42" oa height
Adjustable Solid Shelf (ASH)	Non roll out shelf carts
Adjustable Perforated Roll Out Shelf (PS)	
Adjustable Solid Roll Out Shelf (SSH)	
Adjustable Perforated Shelf (PF)	Non roll out shelf carts
Wire Shelf (WS)	Depends on cart size - call for inquiry
Side Extensions (# EXT)	Per side
Flag System (If) - contains 1 flag each, red, green, yellow	
Clean Dirty Indicators (CDI)	
Door Seals (DS)	
Tow Hitch (TOW)	
Vertical wire grid	Open Case Carts
Tamper Evidence Security Tab (TE)	
Full wrap top bumper	
Push Handles	Optional for Open Case Carts
Silicon door gasket	
Total Locks (1-2 wheels can be locked to prevent directional or rotational turning)	
Door key locks	