



# Esophageal Dilator Vertical Storage Cart

*Instructions for Use*

*Read carefully prior to use.*



Manufactured For:

**Diversatek Healthcare**

**Corporate Headquarters**

102 E. Keefe Ave.

Milwaukee, WI 53212 USA

P 800.558.6408 | 414.265.7620

sales@diversatekhc.com

**DiversatekHealthcare.com**

## PRODUCT SPECIFICATIONS

Dilator Storage Capacity	Size Closed	Weight Empty
72	23.75" W x 25" D x 45" H	78 lbs.

### Features:

- High density design allows for up to 72 vertically hung dilators
- Electronic, keyless locking system
- 405nm disinfecting light
  - Electromagnetic spectrum: Visible spectrum 405nm
  - Electrical Specs: 120V 0.5A Outlet required for AC/DC Power supply providing 12V 0.5A to LED lights
  - Lights are waterproof
- HEPA filtering system
  - Filter Size and rating: 99.97% of the 0.3-micron particles
  - Electrical Specs: 120V 0.5A Outlet required for AC/DC Power supply providing 12V 0.5A to fans
  - Two Fans: 12V DC, 33Db(A), 17 CFM each

## INSTRUCTIONS FOR USE

Note: The doors should be closed and locked at all times except when removing or replacing dilators / bougies into the storage unit.

### Lock Operation

Simply enter unique 4-digit code and press "Enter", then turn the knob 90 degrees to lock/unlock unit. Supplemental Electronic Lock Guide provided with each unit.

### Storing Dilators / Bougies

After opening the door to the cart, pull the sliding cassette out to its fullest extent (**Image 1**). To properly store a dilator/bougie, simply hold the dilator about 5 inches from the non—tapered (non-insertion) end. Align the end of the dilator with an open slot in the storage unit and gently press the dilator (non-tapered end) up into the gasket until the top of the dilator stops at the top of the holder (**Image 2**). This should be about 2 inches into the gasket. Be sure to insert the dilator gently to avoid damage to the dilator. Ensure that the dilator is hanging vertically, and the distal end is nested into its own slot and is not touching any other dilators.

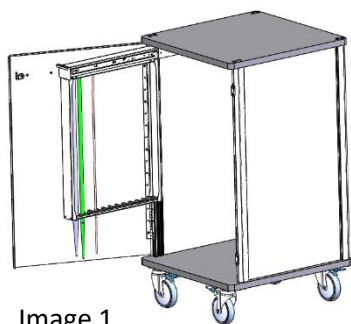


Image 1

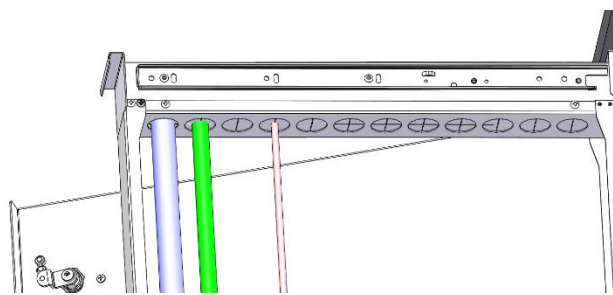


Image 2

### Removing & Replacing Trays

To remove a dilator from the storage unit, use one hand to grab the distal end of dilator and the other hand to firmly grip the upper most exposed area for the dilator. Then, slowly and gently pull down on the dilator (estimated force is 0.5-2 lbs). Use caution to not allow the dilator to touch other dilators or the bottom of the cabinet, this will ensure maximum cleanliness and reduce any chance of damage to the dilator.

### HEPA Filter/Fan System

The fan runs continuously and requires no interaction from user before scheduled maintenance. Plug in the power adapter to the wall outlet, then insert jack into the cabinet receptacle coming out of the back of the cart. The jack must be unplugged from the cart before moving the cart. See Maintenance Section for filter replacement details.

### 405nm Disinfecting Light

The lights run continuous and require no interaction from user before scheduled maintenance. Plug in power adapter to wall outlet, use extension cable if needed, then plug power jack into receptacle at the back of the cart. There is no scheduled maintenance.

### Cleaning

The shell of the storage cart is made from epoxy powder coated aluminum. The top and base of the cart are made from laminated particle board. The handle is aluminum. The gasket for holding the dilators is FDA approved food grade silicone. It is recommended that high-touch areas, such as the handle and exterior cart surfaces be cleaned weekly or in compliance with Facility guidelines. It is also recommended that the interior of the cart and top surface grooves of the storage trays, be cleaned once a month or in compliance with Facility guidelines.

All surfaces may be cleaned using a soft, micro-fiber cloth and any standard hospital grade cleaning agent. These include but are not limited to cleaning agents containing:

- Peroxide (up to 4%)
- Chlorine/bleach
- Alcohol
- Ammonia: The clear acrylic doors **should not** be cleaned with any cleaner containing Ammonia. NOTE: many cleaners and Sani cloth wipes contain micro abrasion particles that can scratch and cloud the acrylic overtime. Using alcohol or hydrogen peroxide on a microfiber cloth is recommended.

A specially designed beaker cleaning brush is available to clean the outer and inner portions of the soft grip gasket inside the storage cassette. Please see “Replacement Parts” section for part number and ordering information. To clean the inside of the cassette, apply your preferred hospital approved cleaner to a soft cloth or the bristles of the brush. Gently run the cloth or brush up and down (in and out) the gasket several times to ensure all inner surfaces have come in contact with the dilators. It is recommended that high touch areas, such as the handle and external cabinet surfaces, be cleaned daily or in compliance with Facility guidelines. It is also recommended that the cassette gasket and the separator slots, along with the interior of the cabinet, be cleaned once a month or in compliance with Facility guidelines.

## MAINTENANCE

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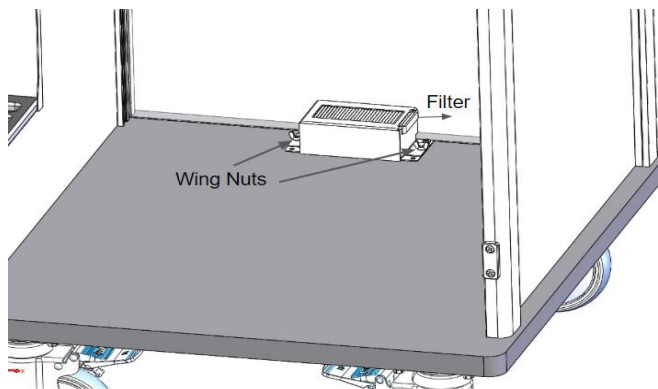
### HEPA Filter

The HEPA filter should be replaced every 6 months or upon visual inspection of excessive dirt buildup. It is located on the inside base of the cart towards the back inner wall.

No tools are required:

**Step 1:** Loosen both wing nuts on the filter. They do not need to be removed all the way.

**Step 2:** Remove filter by pulling it out sideways from the filter box as shown.



**Step 3:** Replace with new HEPA filter by sliding into box, keep the “grab tab” towards the outside for easy replacement next time.

**Step 4:** Tighten wing nuts by hand.

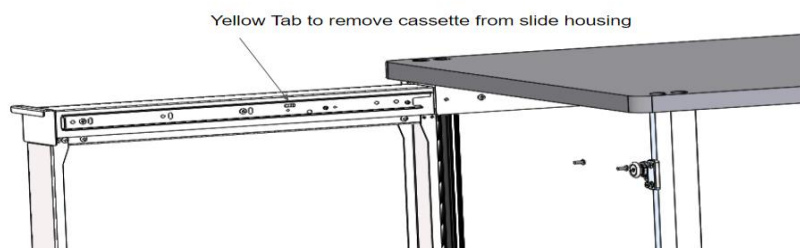
### Cassette

In the event of damage or wear overtime, the gasket in the dilator storage cassette can be replaced.

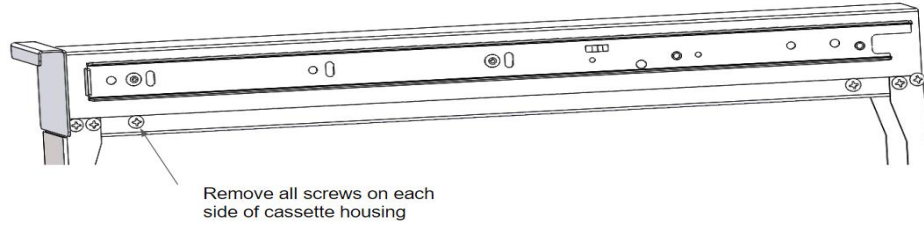
Tools Required:



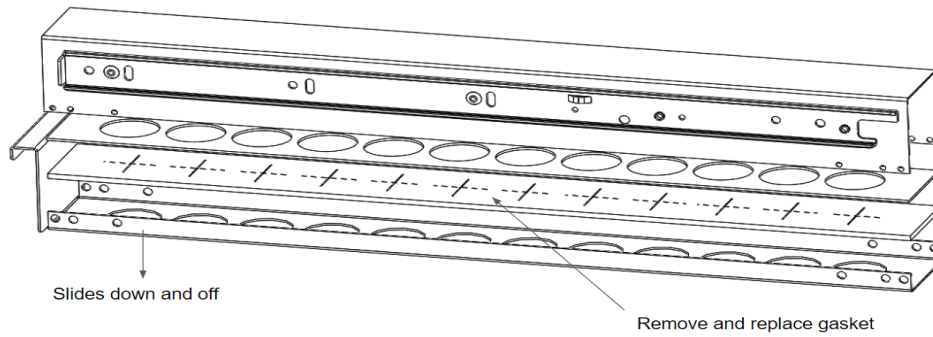
**Step 1:** Remove cassette from cart by pressing the Yellow buttons on each side of the slide and pulling out.



**Step 2:** Remove screws on both sides of the cassette



**Step 3:** Remove bottom bracket to reveal rubber gasket. Replace Gasket.

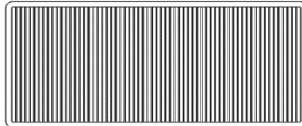


**Step 4:** Re-assemble unit in reverse order

## REPLACEMENT PARTS

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Replacement HEPA Filter  
Part #1214-73



Storage Cabinet Cleaning Brush  
(10/cs)  
Part #1214-74



Replacement Soft Grip Gasket  
Part # 1214-75

