

# The best way to move anesthesia machines and wheeled OR carts safely without wheel obstructions.



### **CASTrGARD FEATURES & BENEFITS**

### Patient Safety

Designed by a Doctor/Engineer who understands the clinical environment, CASTrGARDS eliminate the need to stop monitoring the patient to clear

### Simple, Easy & Effective

CASTrGARDS are quick & simple to put on and take off without requiring complex instruction manuals or usage procedures. Our superior one-piece design is the most convenient wheel guard device available without parts to lose or adjust. CASTrGARDS conveniently moves cords and hoses as you move your equipment.

### Low Price & Cost-Savings

CASTrGARD costs less and surpasses the performance of alternative devices. The potential cost savings is significant since CASTrGARDS protect expensive cables, probes and lead wires.

### **OPERATION**



#### Closed Position

The device is now closed and locked. This is the proper position when the CASTrGARD is being used. This is also the correct position after the devices have been removed prior to transporting the machine or cart, or when storing devices not in use.



### **Opening Device**

To open, face the CASTrGARD so that locking latch is visible. Place right thumb on locking tab and push in. With left hand, hold left half of device and pull out and away from right half. The device may now be removed from around the wheel. Repeat for each wheel.



### **Closing Device**

To apply device, place the CASTrGARD in the open position around the wheel. Bring both halves of device together until locking tab locks into opposite side. Locking tab must be fully seated in locking tab opening with edges of device flush together.



#### Operation

Place CASTrGARDS on all four wheels. The machine or cart will push cords and cables in front of the CASTrGARDS to prevent wheel

#### WARNINGS

To transport a machine or cart across uneven surfaces, fixed floor obstacles or gaps in the Floor (e.g. elevators and expansion plates), all devices must be removed to prevent cart from tipping over while moving.

Operator must verify function of caster or machine brake with CASTrGARD in place. Verify tabs are locked before usage to prevent malfunction. Place around casters with arrow on label pointing up.

### CLEANING AND MAINTENANCE

### Cleaning and Sterilizing

All standard disinfectants, a mild soap and water solution, and mild detergent and damp cloth are safe to use in cleaning the CASTrGARDS.

Caution: Do not autoclave. If necessary, use a sterilization protocol that complies with your facility's infection control and

risk management policies for anesthesia machine wheels.

#### Maintenance

Periodically inspect the device to ensure that it is securely locked and functioning properly. It's recommended to examine the hinge and locking tab on an annual basis.

#### Usage

CASTrGARDS should be used on all four wheels for optimum safety and performance. CASTrGARDS can be safely used on a variety of operating room equipment including anesthesia machines, electrosurgical generators, drug carts, and minimally invasive surgery carts.

#### Storage

CASTrGARDS should be stored in the closed position when not in use. A complete inspection of each CASTrGARD is recommended prior to placing the devices back into service. Replace any CASTrGARDS that are damaged, broken or do not function properly.

### **TECHNICAL SPECIFICATION**

Features

Durable one-piece design with integral living hinge, locking tab, closure positioning/support pins. Easy to install and remove without a tool.

Excellent chemical and impact resistance. Designed to withstand repeated 1 meter drops to a concrete floor (when closed and latched).

Latch Release Force: 5 pounds (22 Newtons) (approximate)

High impact polypropylene structural foam Material:

Yellow, Gray, Light Blue, Red (Custom colors by quote) Color

4 each per set Quantity:

### 45SM

Environmental:

Caster Size: 5" (12.7 cm) diameter maximum

with 3.1" (7.9 cm) minimum height clearance

7.1" (18.0 cm) outside diameter x 3.0" (7.6 cm) high; 5.7" (14.5 cm) inside diameter Overall Size:

1.5 pounds (0.68 kg) each Weight:

### 456MD

6" (15.2 cm) diameter maximum Caster Size:

with 4.6" (11.7 cm) minimum height clearance

Overall Size: 7.5" (19.1 cm) outside diameter x 4.5" (11.4 cm) high; 6.4" (16.3 cm) inside diameter

Weight: 1.6 pounds (0.73 kg) each

## I.D. TOP CLOSED HEIGHT **POSITION** HINGE O.D **BOTTOM** SUPPORT PIN OPEN POSITION

### **67LG**

7.125" (18.1 cm) diameter maximum (recommended 5"-> 7.1" (12.7 -> 18.1 cm) Caster Size:

with 3.7" (9.3 cm) minimum height clearance

Overall Size: 8.6" (21.8 cm) outside diameter x 3.6" (9.1 cm) high; 7.2" (18.2 cm) inside diameter

LOCKING TAB

Weight: 1.9 Pounds (0.86 kg) each

### **ORDERING INFORMATION**

Product Code	Caster Size	Quantity	Color	Anesthesia Machine Compatibility
45SM	Up to 5" (12.7 cm)	4 Each Per Set	Yellow, Gray, Light Blue, Red	Datex - Ohmeda (GE), Ulco, All Draeger except below
456MD	5" to 6" (12.7 -> 15.2 cm)	4 Each Per Set	Gray, Light Blue	Draeger Narkomed GS, 6000/64000,2A,2B,2C,3,4,Mobile
67LG	5" -> 7.1"(12.7 -> 18.1 cm)	4 Each per Set	Yellow, Gray, Light Blue, Red	Datascope, Draeger GS.2A.2B.2C.3.4.Mobile

Custom Colors By Quote

Special Labeling By Request





LOCKING TAB OPENING