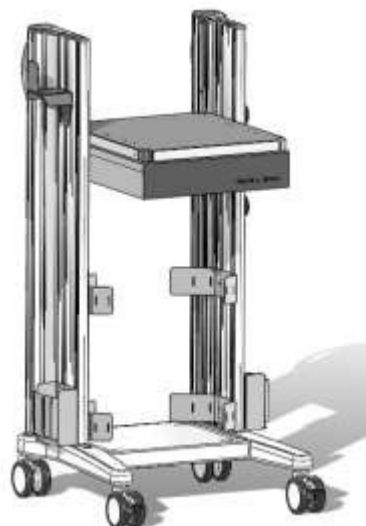


AtriCure®

ASCS (450 mm) Cart



CAUTION: Federal (U.S.A.) law restricts this device to sale by or on the order of a physician.

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Manufactured by:
AtriCure Incorporated
 7555 Innovation Way
 Mason, Ohio 45040 USA
 Customer Service:
 Toll Free: 1-866-349-2342
 Phone: 1-513-755-4100

ASCS (Simple Cart)

The AtriCure ASCS Cart provides support and mobility for any combination of AtriCure's ACM, ASU, and ASB technologies. This cart is intended for use only in regions that use tank sizes ≤ 20 cm (8") in diameter that weigh ≤ 29.5 kg (65 pounds)

The ASCS (Simple) Cart provides:

- 450 mm Cart
- 125mm (5") Casters which are omni-directional, lockable casters, allowing for quick and easy transport of the system within hospitals and operating theatres.
- Shelf for supporting AtriCure ACM, ASU, and ASB products.
- Drawer for ancillary items.
- Tank holder and straps for securing tank(s).

System Description:

The System Cart supports medical equipment used in surgical theaters. The ASCS Cart supports the following AtriCure systems:

AtriCure Bipolar System:

1. AtriCure® Ablation Sensing Unit (ASU) produces and delivers RF energy, in a bipolar mode, at a frequency of approximately 460 kHz, with a maximum output power ranging from 12 Watts up to 30 Watts depending on the operating mode.
2. AtriCure® Switch Matrix (ASB) is a reusable accessory interface module that allows simultaneous connection of AtriCure® Isolator™ Transpolar™ ablative handpiece and pen devices to the ASU RF generator.

AtriCure Cryo Module System

1. AtriCure® cryoICE BOX (ACM) is an electro-mechanical and pneumatic cryogenic surgical system that delivers a cryogenic energy source, namely Nitrous Oxide, to create lines of ablation through cardiac tissue.

Indications for Use:

The AtriCure System Cart is intended to be used as an accessory to the AtriCure Bipolar System and AtriCure Cryo Module System.

No part of the AtriCure System Cart or its accessories is intended to make contact with the patient.

Equipment Classification:

The AtriCure® System Cart is categorized as: Class 1 Equipment; Type CF Applied Part; IPX0.

Environmental Indications:

NOTE: Environmental Conditions: (1) operational temperature +10° C to +40° C; (2) storage temperature -35° C to +54° C; and (3) humidity 15% to 90% relative humidity.

Proper Use:

NOTE: The AtriCure® System Cart is ONLY intended for use with the equipment listed under the System Description.

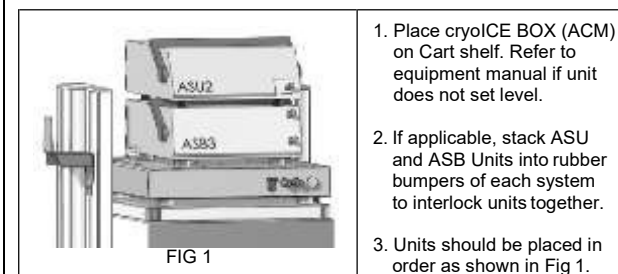
NOTE: The cart should never be used to carry equipment other than what is specified in these instructions. The cart should not be operated on an incline exceeding 10°. During operation and storage, the casters should be locked securely.

NOTE: These instructions do not address specific instructions related to the equipment listed under System Description. The user should refer to product specific manuals provided with individual components.

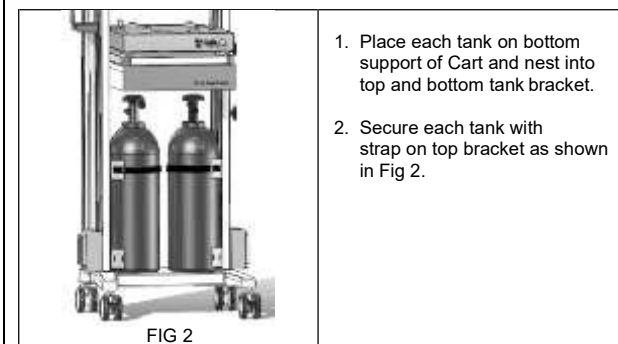
PRECAUTION: Secure each tank with straps and ONLY use N2O Tanks ≤ 20 cm (8") in diameter that weigh ≤ 29.5 kg (65 pounds)

PRECAUTION: Tanks must be secured prior to moving or transporting the cart.

Equipment Placement:



1. Place cryoICE BOX (ACM) on Cart shelf. Refer to equipment manual if unit does not set level.
2. If applicable, stack ASU and ASB Units into rubber bumpers of each system to interlock units together.
3. Units should be placed in order as shown in Fig 1.



1. Place each tank on bottom support of Cart and nest into top and bottom tank bracket.
2. Secure each tank with strap on top bracket as shown in Fig 2.

Cleaning Instructions

NOTE: The Basic Cart Cleaning and Disinfection Instructions: (1) use a mild detergent (prepared to its specifications) and a damp cloth; and (2) do not use caustic, corrosive, or abrasive cleaning materials.

Serviceable Parts

NOTE: The System Cart does not have any serviceable parts. For servicing issues, contact AtriCure, Inc.