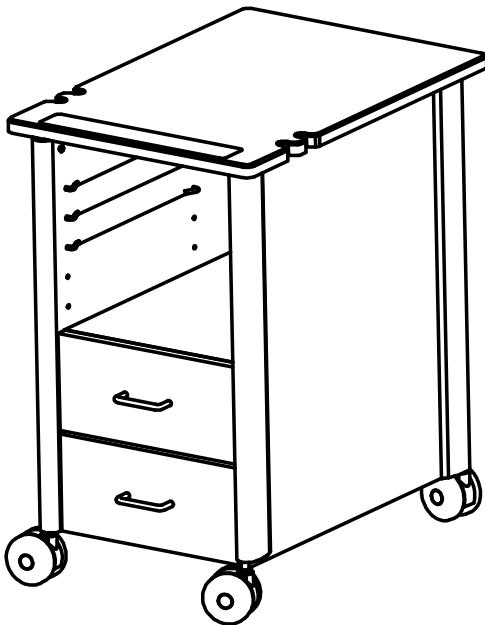




ergonomic products
Performance Without Compromise™

Installation and Operations Manual

R1 Series: Rapid Deployment Carts



Rapid Deployment



Doctor Specialty



Mobile Storage



Thank you for purchasing the Ergonomic Products R1 Series Rapid Deployment Carts.

Years of research by dentists, engineers, and designers have made this a uniquely effective product in the industry. We stand behind our equipment, and genuinely believe it to be the best available on the market.

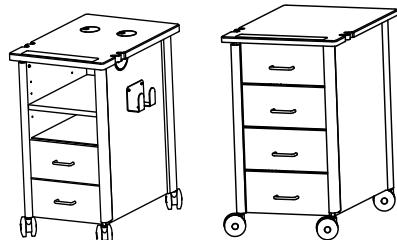
Should you have any questions regarding the product's installation or use, please don't hesitate to call our customer service specialists at **1-866-ERGO-4-US**. We may also be reached via email at **equip@ergonomic-products.com**.

We hope that you enjoy the benefits and quality of your new equipment and look forward to assisting you with your future needs as your practice continues to grow!

—The Ergonomic Products Team

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QUESTIONS?

Call our Customer Service Specialists at:
1-866-ERGO-4-US.



1 – INTRODUCTION

SYMBOLS USED IN THIS MANUAL AND ON PRODUCT LABELS:

SYMBOL	MEANING
	You must refer to the documentation that came with your device.
	Indicates a Warning. Warnings alert the user to the possibility of serious injury or death if the equipment is not operated properly.
	Indicates that the device is a Type B piece of equipment and has a certain degree of protection against electric shock. The B Type refers to applied parts that are generally not conductive.
	Indicates that you must not dispose of any electronic components along with general waste.
	Appears next to the manufacturer's contact information.
	Appears next to the date of manufacture.
	Indicates Pushing Prohibited



1 – INTRODUCTION cont'd

INTENDED USE

The Ergonomic Products Deployment Cart is a dental operative unit, and serves as a base for other dental devices and accessories. The device is to be operated and used by dentists and other legally qualified professionals.

CONTRAINdications

There are no known contraindications for the use of this device.

WARNINGS AND PRECAUTIONS

Warnings alert the user to the possibility of serious injury or death if the equipment is not operated properly.

Only properly trained and authorized personnel must use this equipment.

Do not modify this equipment without authorization from Ergonomic Products, Inc.

Read and understand all warnings, precautions, and operating instructions before use.

To avoid risk of electric shock, connect this equipment only to an electrical supply with a protective earth ground. Do not bypass the grounding circuitry.

The dental unit might cause interference with other electronic devices while in use. Ensure that other medical devices used in the treatment office do not receive interference from this device.

A dental unit might include magnets which might affect the function or programming of some implantable pacemakers or defibrillators. People who have devices programmed to respond to a magnet must avoid dental units with magnets.

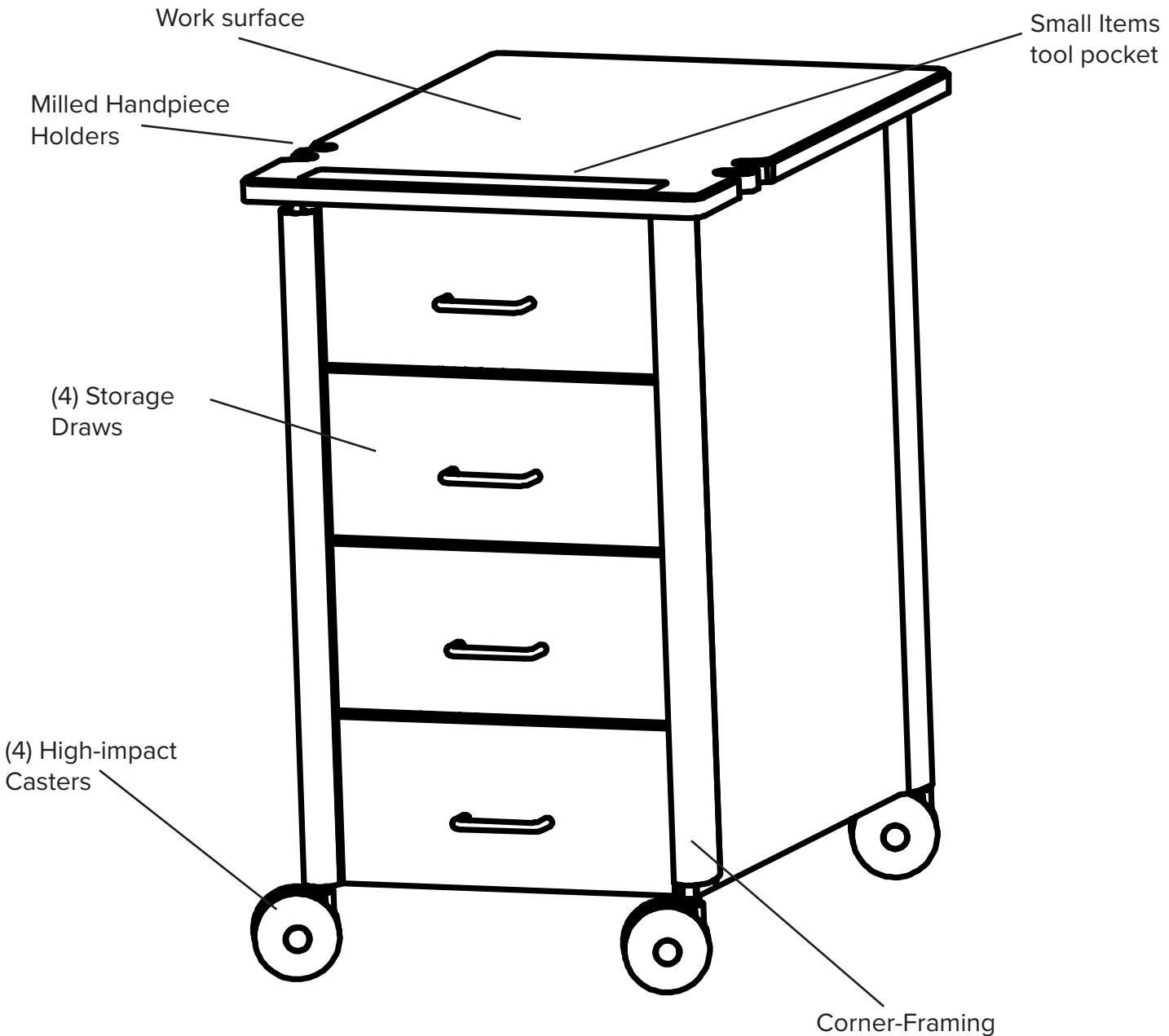
Do not position equipment so it is difficult to operate or disconnect dental unit.

To avoid the risk of electric shock, do not connect equipment that must be connected a multi-socket outlet with a separating transformer directly to an electrical wall outlet.



2 – BASIC ANATOMY OF YOUR CART

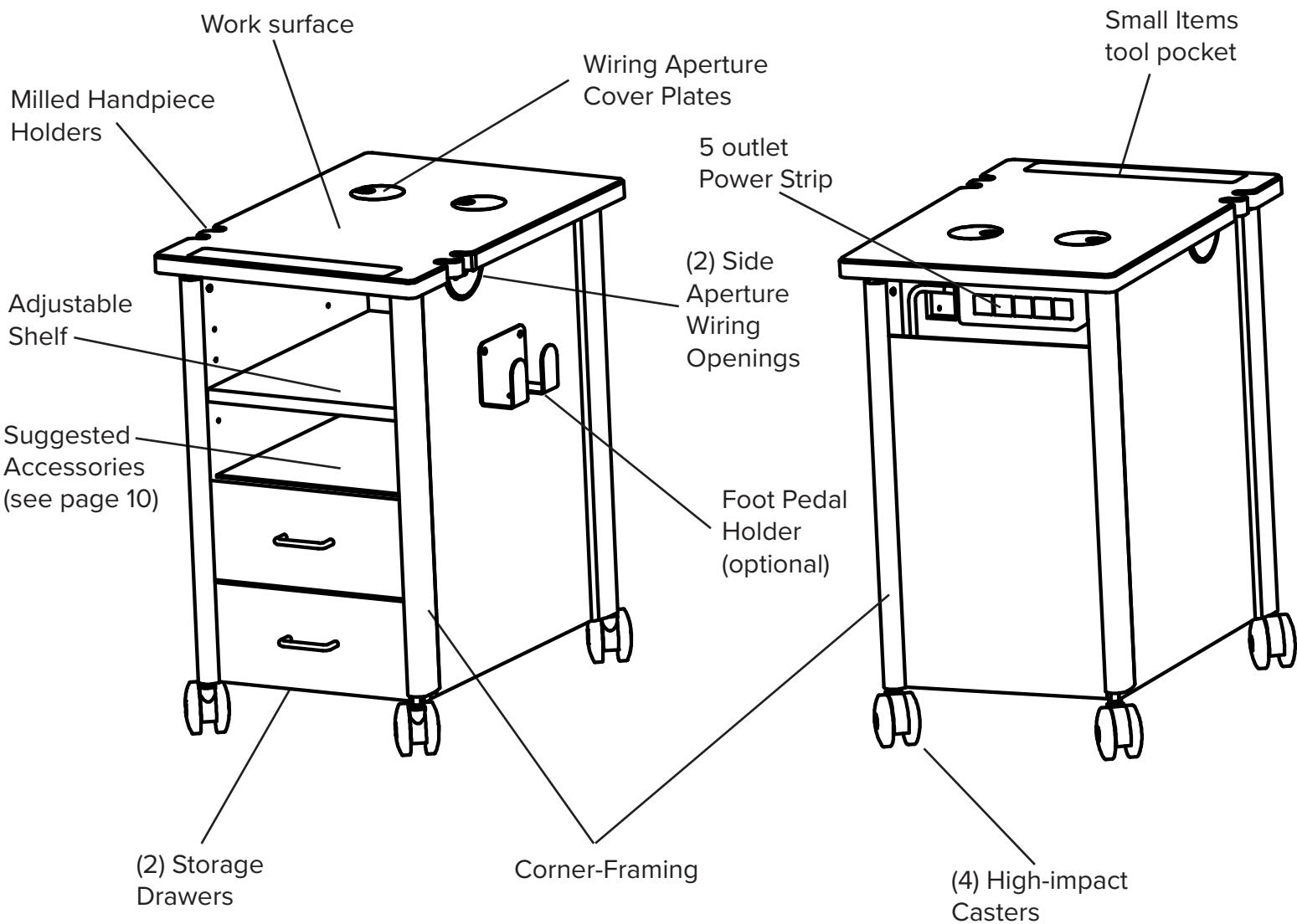
MOBILE STORAGE CART - R1C1





2 – BASIC ANATOMY OF YOUR CART cont'd

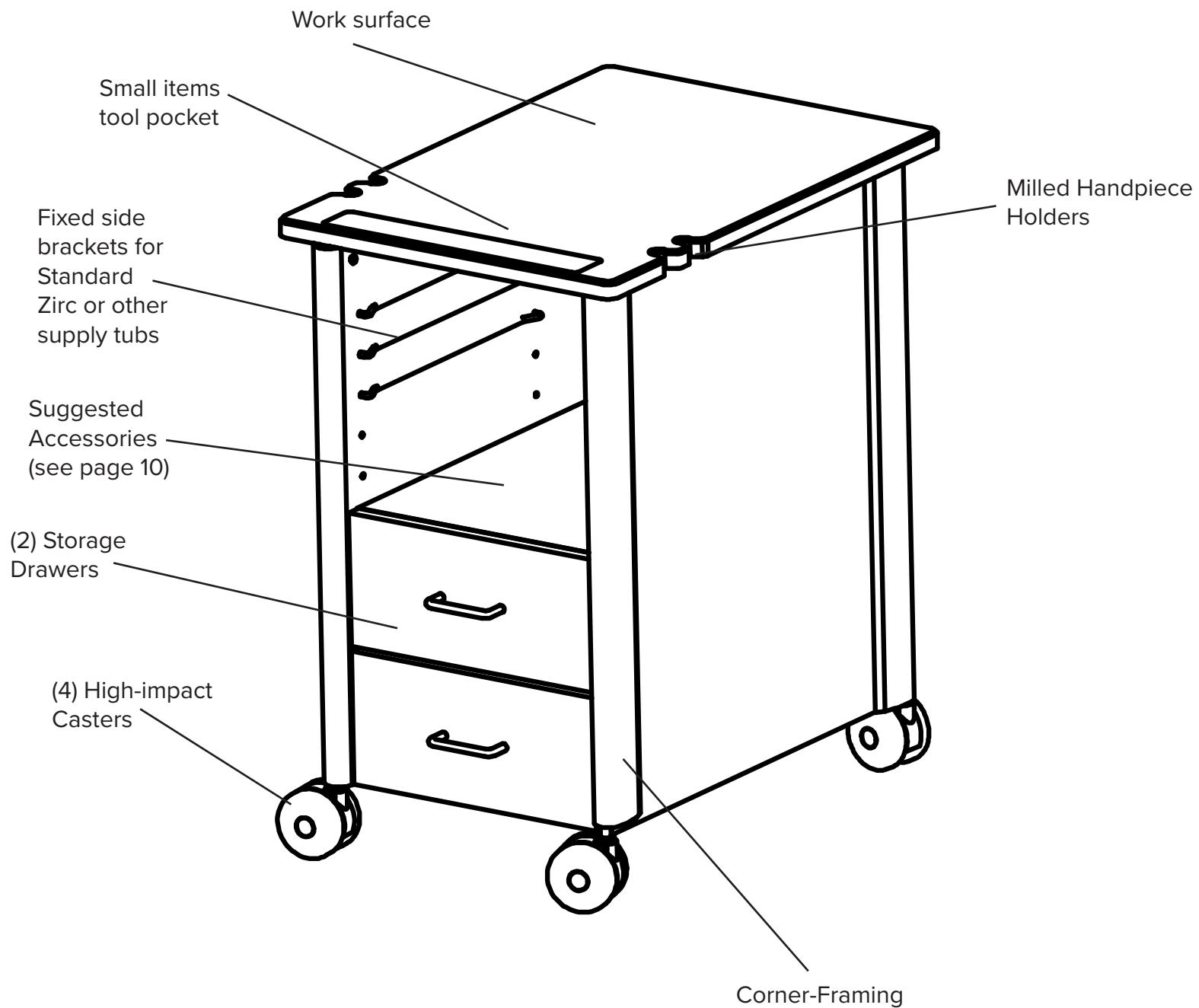
DOCTOR SPECIALTY RAPID CART - R1A1





2 – BASIC ANATOMY OF YOUR CART cont'd

RAPID DEPLOYMENT CART - R1B1





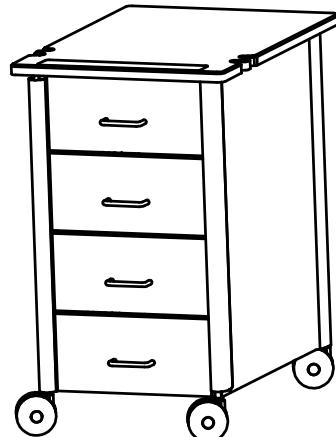
3 - SPECIFICATIONS & FEATURES

STANDARD FEATURES

- Aircraft aluminum corner-framing / 4 milled handpiece holders
- High-impact plastic casters / precision-bearing drawer slides

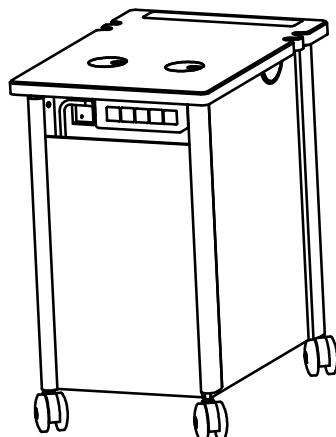
MOBILE STORAGE CART FEATURES

- Four deep drawers
- Soft-touch drawer close for secure transport



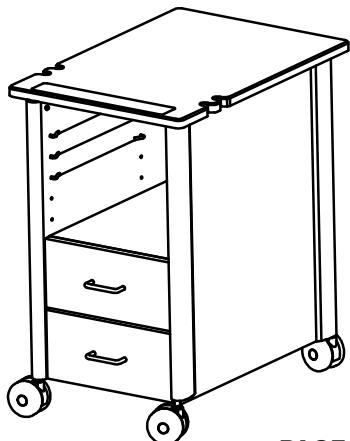
DOCTOR SPECIALTY FEATURES

- Wiring apertures on work surface, with stainless steel cover plates
- 5 outlet power strip mounted on rear
- Velcro cord management loop
- 2 side aperture wiring openings
- Adjustable shelf
- Milled dentent on work surface for small items
- Two deep drawers



RAPID DEPLOYMENT CART FEATURES

- Fixed slide brackets to receive Standard Zirc or other supply tubs
- Two deep drawers

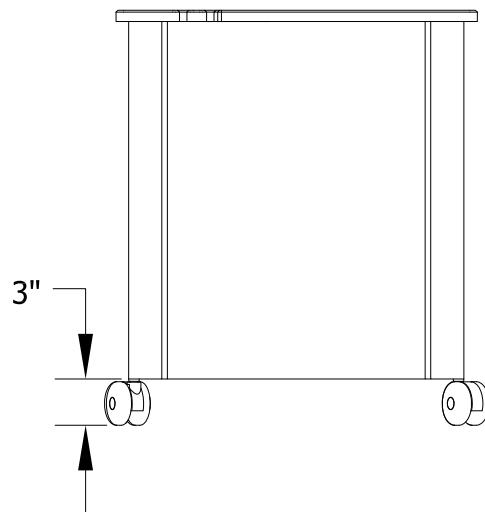
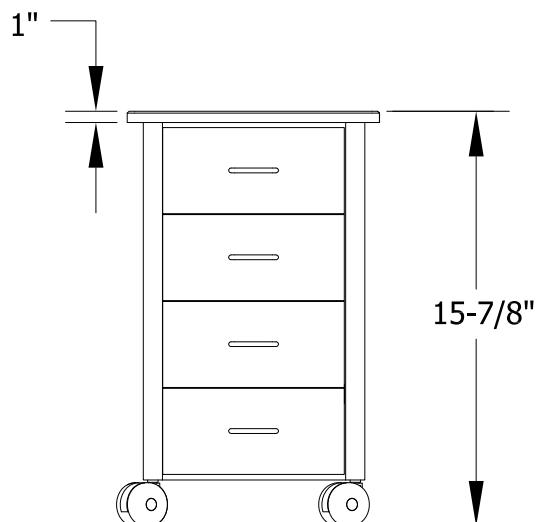
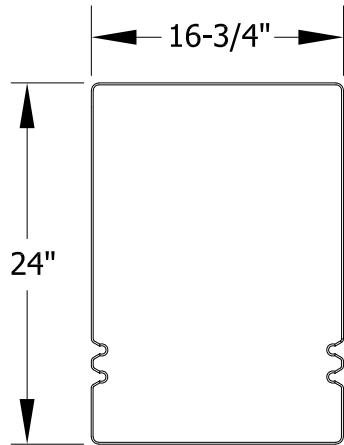




3 - SPECIFICATIONS & FEATURES cont'd

PRODUCT DIMENSIONS

- Height, width, and depth dimensions are standard for all three carts.





4 - SUGGESTED ACCESSORIES

Zirc Tub Complete (item M1E1)



Featuring a locking lid and smaller size, the Zirc Tub Complete is an excellent storage device for many specialty procedures.

Standard Features

- Clear, locking Lid
- Customizable Divider Inserts
- Removable interior foam Base
- Removable upper Tray
- 2 small individual Containers

Dimensions: 12-1/4" x 10-7/8" x 2-1/2" (4" with lid)

Zirc Tub Standard (item M1E2)



The Standard Zirc Tub, sold without a lid, is perfectly designed to slide into the fixed brackets on the Rapid Deployment Cart (item R1B, page 67).

Standard Features

- Customizable Divider Inserts
- Removable interior foam Base

Dimensions: 12-1/4" x 10-7/8" x 2-1/2"

Lewis Storage Bin (item M1D1)



The Lewis bin fits comfortably in any of our RapidCart drawers. Its large capacity and customizable dividers, make it an effective enhancement.

Standard Features

- Customizable Divider Inserts
- High-durability construction

Dimensions: 10-7/8" x 16-1/2" x 3-1/4"

RapidCart Foot Pedal Holders (items M3C1 & M3C2)

Foot Pedal Holders Standard Features

- Allows easy storage and access to foot pedal-drive equipment used with RapidCarts (page 67)
- Available in large and small sizes
- Pre-drilled anodized aluminum



(M3C1)



(M3C2)

Dimensions: 5" wide x 2" deep

Dimensions: 4" wide x 1-1/2" deep

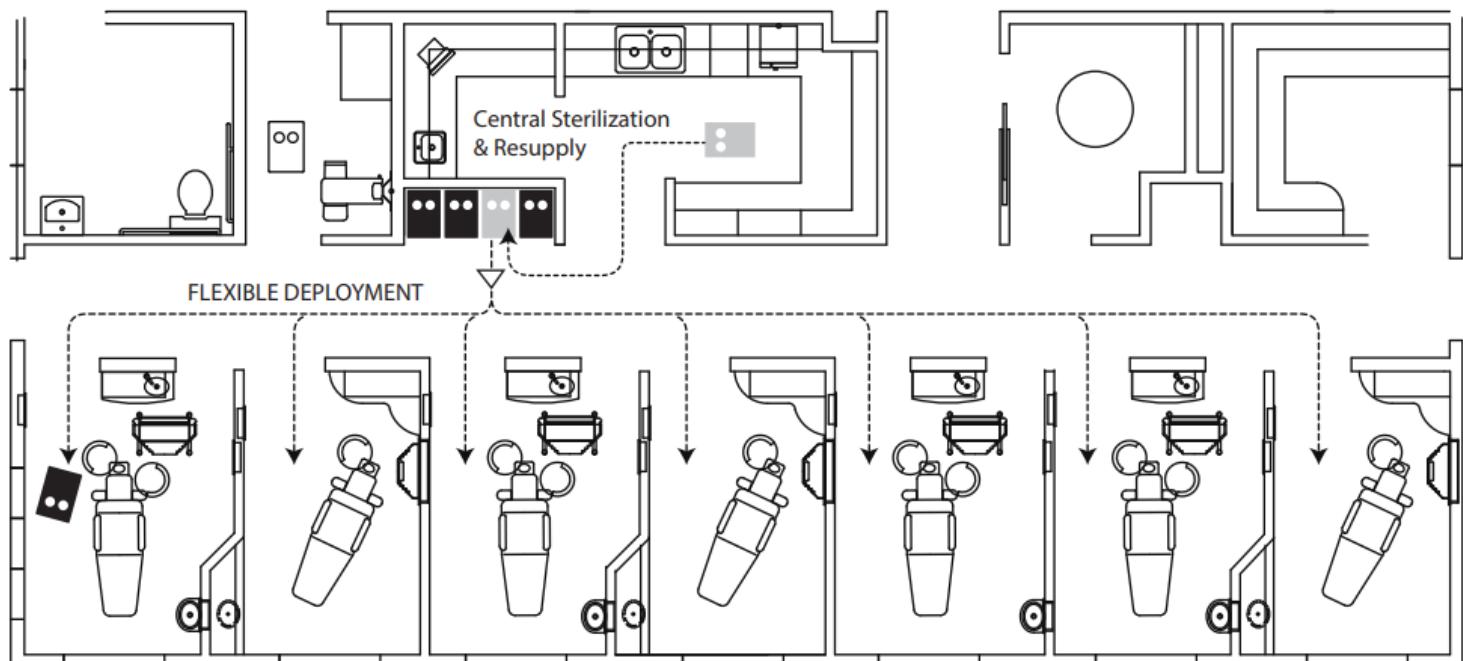


5 - USING YOUR DEPLOYMENT CARTS

IDEAL LOCATION CONFIGURATION

Rapid Deployment Carts allow instantaneous deployment and the set up of less frequently used treatment instruments such as those in endodontics, surgery and advanced diagnosis. Distributing technology from room to room – rather than targeting treatment to individual rooms – creates a more flexible and responsive clinical environment and is one of Ergonomic Products core efficiency principles:

Any Procedure, Any Room, Any Time.



Mobile Cart Bay in a 7 Chair Practice



6 - REQUIRED TOOLS / UNPACKING and INSPECTING

1. Inspect shipping container (Fig 6.1) for visible damage upon arrival. If transit damage is found, contact Ergonomic Products immediately (this will expedite the corrective process).
2. Use safe lifting procedures to free the product from the container, and remove all packing material and accessory boxes from shipping container (Fig 6.1).
3. Lay individual components on clean surface to avoid scratching, and inspect contents. If damage is found, contact Ergonomic Products immediately. - Clientsupport@desergo.com

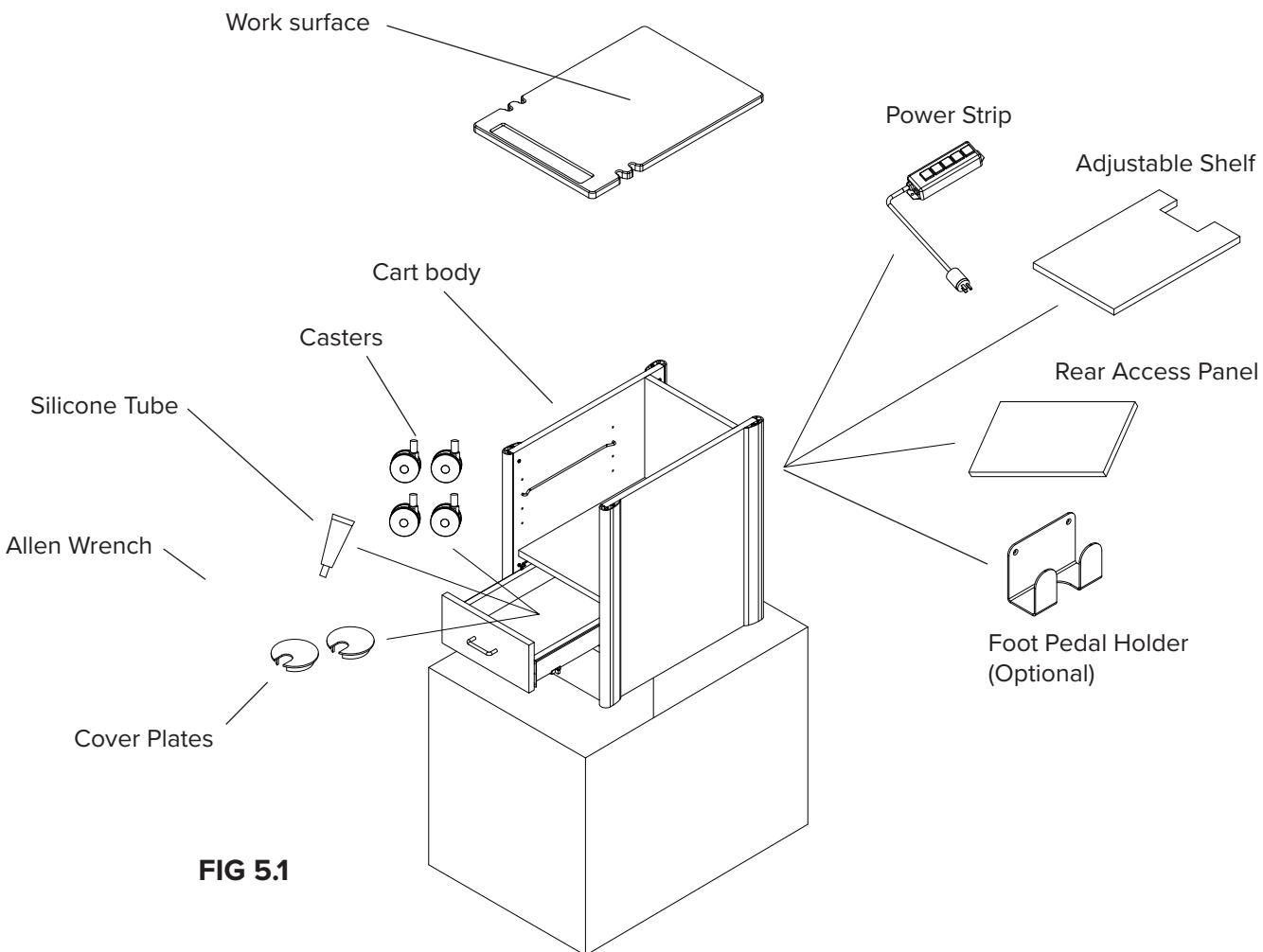
Please make sure your Rapid Cart™ is complete before you begin assembly. The package will include:

Box 1. Cart body (1), Casters (4), Tube of silicone (1)

If ordering a Dr. Specialty Cart box 1 will also include Aluminum Cover plates (2).

If ordering a Dr. Specialty Cart this box will also include: (1) Power strip, (1) Adjustable Shelf - Already Installed Corian® Work surface (1)

If anything is missing, contact Ergonomic Products customer service at 1-866-ERGO-4-US.

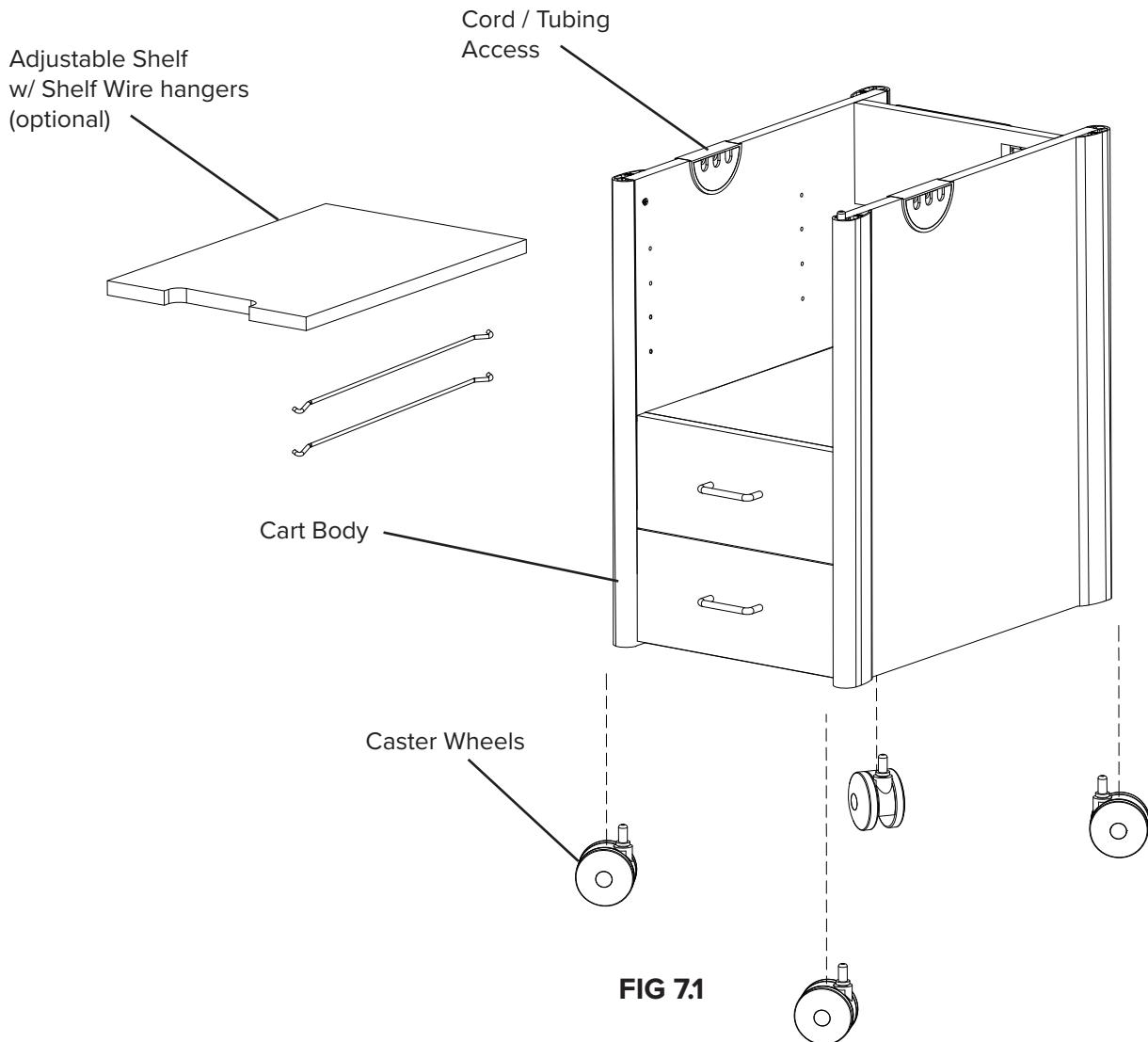




7 - CART ASSEMBLY

STEP 1: INSTALLING THE CASTERS

- 1.) Remove all packaging.
- 2.) Casters are shipped in one of the drawers. Install them in the bottom of the cart body as shown in Fig 7.1.
- 3.) If cart is equipped with adjustable shelving, position it as desired.



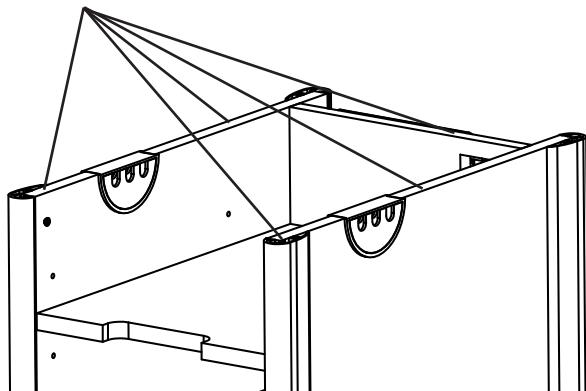


7 - CART ASSEMBLY cont'd

STEP 2: INSTALLING THE WORKSURFACE

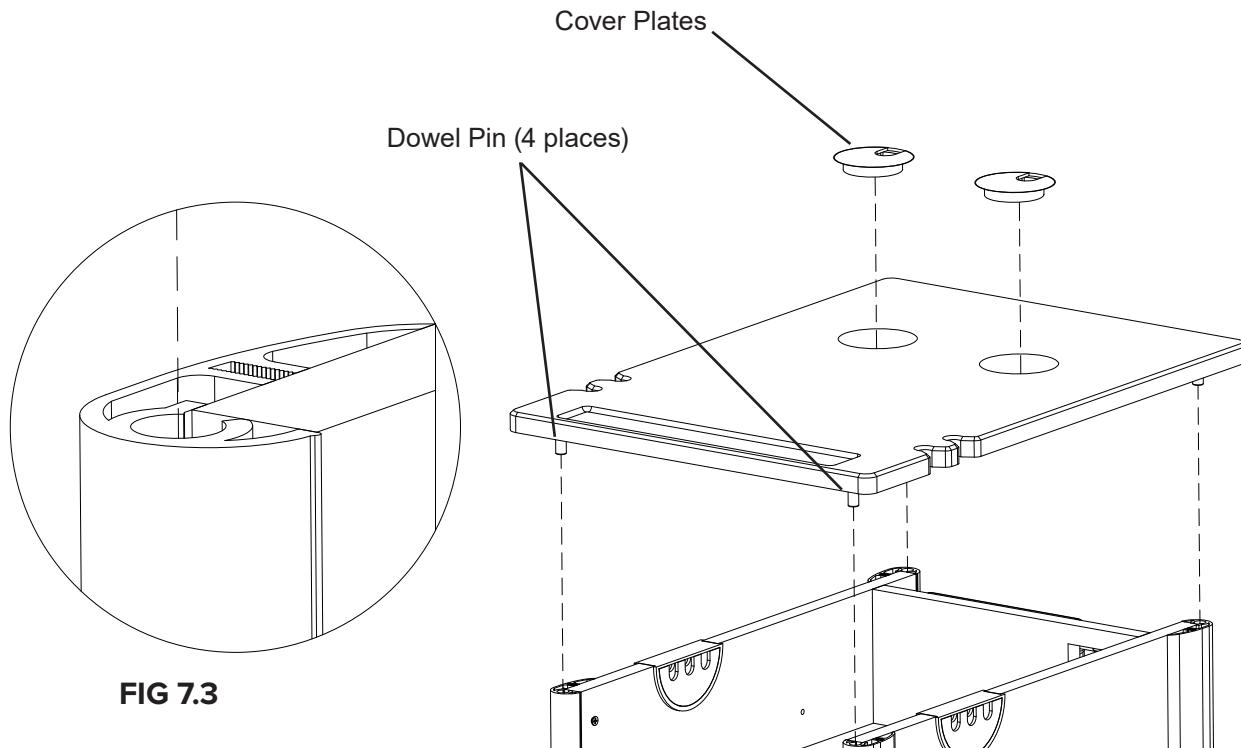
- 1.) Squeeze a 1/8" bead of silicone (supplied) onto the top edges of the Cart Body. See Fig 7.2.

Apply Silicone on these edges



- 1.) Cover Plates are shipped in one of the drawers, install them as shown in Fig 7.3.
- 2.) Align 4 Dowel Pins on Corian worksurface with holes on the top of the Cart Body. See Fig 7.3.
- 3.) Push Corian worksurface down, making full contact with silicone.

NOTE: Do not **HAMMER** the Corian worksurface, you may damage or break the worksurface.





7 - CART ASSEMBLY cont'd

STEP 3: INSTALLING THE REAR COVER PLATE (ONLY FOR DR. SPECIALTY CART)

- 1.) Secure any accessory power cords from the power strip with the Velcro straps provided (Fig 7.4).
- 2.) Place Rear Cover Plate in position to engage Rear Plate Clips and slide down until secure (Fig 7.5).
- 3.) Place power strip cord in tool cutout when not in use.
- 4.) If you purchased a Foot Pedal Holder, secure it as shown in Fig. 7.6

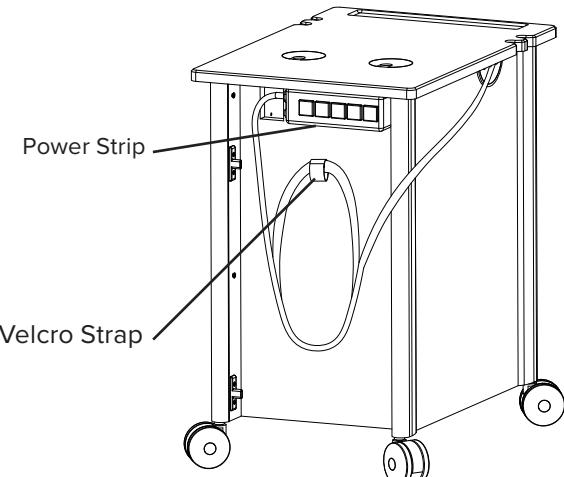


FIG 7.4

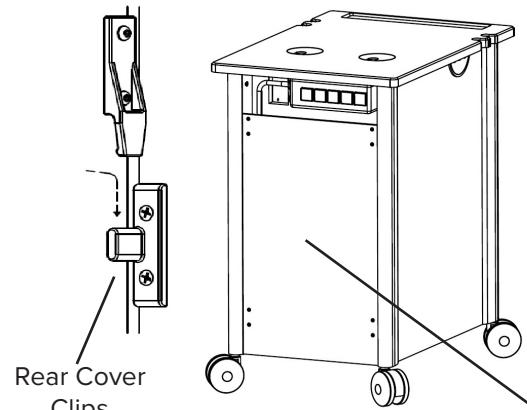
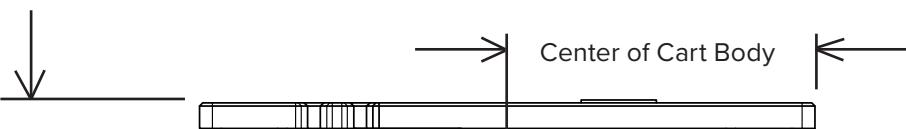


FIG 7.5

Rear Access Panel



6" from bottom
of Worktop

Center of Cart Body

Pre-Drill holes, Then
secure with #10 x 1/8"
Flat Head wood screw

FIG 7.6



8 – MAINTENANCE

CLEANING AND DISINFECTING DENTAL UNITS AND ENVIRONMENTAL SURFACES:

GENERAL GUIDELINES:

After treatment of each patient and at the completion of daily work activities, countertops and dental unit surfaces that might have been contaminated with patient material or when the surface is contaminated with biological material must be cleaned with disposable toweling (for example PDI Super Sani Cloth) and water as necessary. Then disinfect surfaces with a suitable chemical germicide (for example DisCide Ultra Disinfectant Spray).

The CDC recommends using a chemical germicide registered with the EPA as a “hospital disinfectant” and labeled for “tuberculocidal” (i.e., mycobactericidal) activity to disinfect surfaces that have been soiled with patient material. These intermediate-level disinfectants include phenolics, iodophors, and chlorine-containing compounds. Because mycobacteria are among the most resistant groups of microorganisms, germicides effective against mycobacteria should be effective against many other bacterial and viral pathogens.

Low-level disinfectants—EPA-registered “hospital disinfectants” that are not labeled for “tuberculocidal” activity (e.g., quaternary ammonium compounds)—are appropriate for general housekeeping purposes such as cleaning floors, walls, and other housekeeping surfaces. The CDC does not recommend using intermediate- and low-level disinfectants to reprocess critical or semi critical dental instruments.

CDC Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008

Centers for Disease Control and Prevention.

Guidelines for Infection Control in Dental Health-Care Settings— 2003.

MMWR 2003;52(No. RR-17).

FDA Processing/Reprocessing Medical Devices in Health Care Settings: Validation Methods and Labeling DRAFT GUIDANCE May 2, 2011.



8 – MAINTENANCE cont'd

CLEANING:

METAL COMPONENTS:

Use mild detergent and water or any of the commercially available sprays, such as 409, Fantastic, or others, with a soft cloth or sponge. DO NOT USE ABRASIVES as these will permanently scratch the finish.

PLASTIC, RUBBER, AND PAINTED SURFACES:

Use mild detergent and water or any of the commercially available sprays, such as 409, Fantastic, or others, with a soft cloth or sponge. DO NOT USE ABRASIVES as these will permanently scratch the finish.

CORIAN® SURFACES:

Your Corian surfaces are delivered with a matte/satin finish and any of the above cleaners are acceptable. Minor surface blemishes can be brought back to a like-new finish with the use of a mild abrasive cleaner such as Comet on their own or in conjunction with a green or white Scotch-Brite Pad.

Clean with warm, soapy water or any non-abrasive ammonia based cleaner or disinfectant. Dry thoroughly after cleaning. For tougher stains, use Clean EnCounters® from DuPont.

Do NOT use window-cleaning solutions (they will leave a waxy build-up), ScotchBrite or other abrasive pads. Do NOT use any cleaning products that contain HYDROGEN PEROXIDE.

For more information on cleaning CORIAN surfaces, go to:

<http://www.dupont.com/products-and-services/construction-materials/surface-design-materials/brands/corian-solid-surfaces/articles/how-to-clean-corian.html>

Dried composites can be scraped off using a single-edged razor blade or equivalent, being cautious not to dig into the surface.

If the surface becomes too scarred to be renewed with the above procedures, a resurfacing can be done. Please contact us or any Corian-certified installer for the correct procedure.

*The FDA recommends that items contaminated with blood or body fluids, which might contain blood-borne pathogens, must receive intermediate level disinfection with a product having an EPA-registered claim for activity against hepatitis B after cleaning.