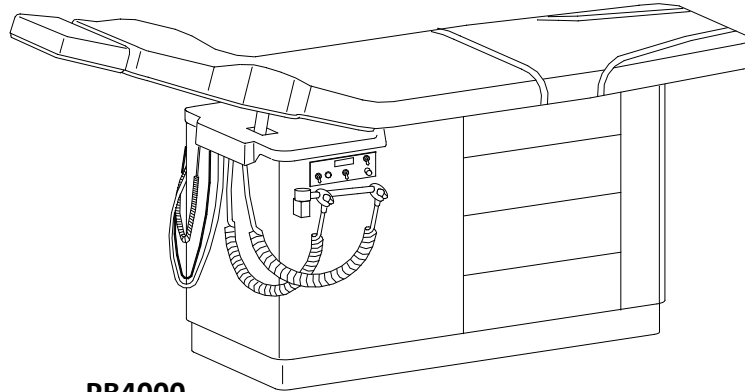


## Product Information Manual

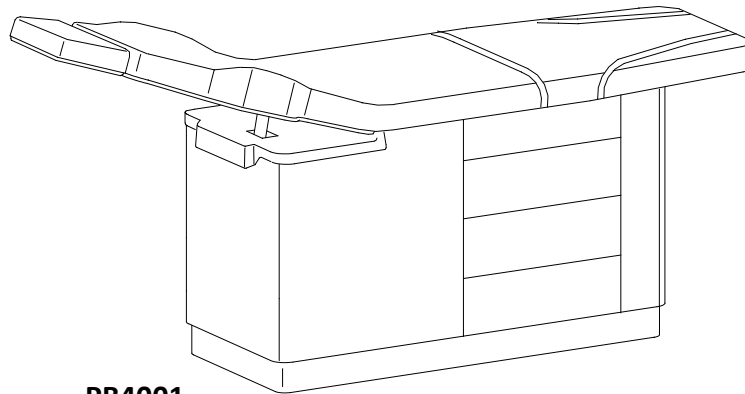
# PEDO Bench

Includes Models: PB4000 & PB4001

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**PB4000**



**PB4001**



# Boyd Industries

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## **Introduction**

### **Congratulations**

on your purchase of the Boyd PEDO Bench

Boyd Industries, Inc. has spent years designing and developing the best products available in the world today. The following features make your Boyd product the most advanced and functional product available in the market:

#### **PB4000 & PB4001:**

- Manually adjustable seat back
- Cabinet drawer storage
- Optional attached light
- Optional instrument tray

#### **PB4000 Only:**

- 3-Way Syringe
- Dry hand piece hook up
- Wet hand piece hook up
- High Volume Evacuation (HVE)
- Saliva ejection (SE)
- PSI indicator
- Optional assistant package
- Optional bottled (clean) water system

This product is designed to allow dental procedures to be performed in a horizontal position with an adjustable back rest and head rest. The PEDO bench has built in storage for non-flammable items. The delivery system (PB4000 only) is located close to the head of the bench (either left or right hand are available) to allow for easy access.

## **Warranty Statement**

All Boyd manufactured products are warranted against defects in material or workmanship only. No other warranties are expressed or implied. This warranty shall extend for three (3) years for parts and one (1) year for labor. The Boyd warranty only covers products manufactured by Boyd. Products distributed, not manufactured, by Boyd carry the stated manufacturer's warranty.

The warranty period commences upon invoice date of the equipment. Written notice of breach must be submitted to Boyd Industries, Inc. within this period. Boyd reserves the right to repair or replace, at its sole discretion, the item in question.

Warranty is voided if items are misused or product is improperly maintained or installed. The warranty does not cover any alteration of the product from its original condition or if product is used in any way other than the product's design intent.

An authorized service technician must perform all service and maintenance. Any warranty labor must be first approved by Boyd. Failure to coordinate warranty service may result in denial of warranty repair. Written log and receipts for service must be maintained to validate the warranty on Boyd manufactured products.

No claim for consequential damages will be allowed. Freight damage or mishandling by any third party will not be considered a warranty item. Improper installation by a third party causing damage to the equipment is not a warranty item.

## Safety Precautions

### PEDO Bench

- **Read instructions:**  
All safety and operating instructions including this manual should be read before this product is installed or operated.
- **Follow instructions:**  
All use and operation instructions should be followed.
- **Owners manual:**  
Retain manual for future reference regarding safety and operation instruction.
- **Heed warnings:**  
Adhere to all warnings and cautions on the equipment and in the manual.
- **Accessories:**  
Do not use any accessories not recommended by Boyd as they may cause hazards.
- **Cleaning:**  
See General Maintenance and Care section
- **Servicing:**  
Do not attempt to service this product yourself. Refer any repairs to a qualified service representative.
- **Heat / Open flame:**  
Equipment must be installed away from heat sources such as radiators, heat registers or other sources of heat or open flame.
- **Weight restriction:**  
This bench is designed to safely support a patient weight of 300 lbs. (136.07 kg) that is evenly distributed across the seat. Always use the anchoring system to ensure stability of this product. Do not attempt to place all of a patient's weight on the back rest with it in a raised position.

## About Your PEDO Bench

### Description of Product Line

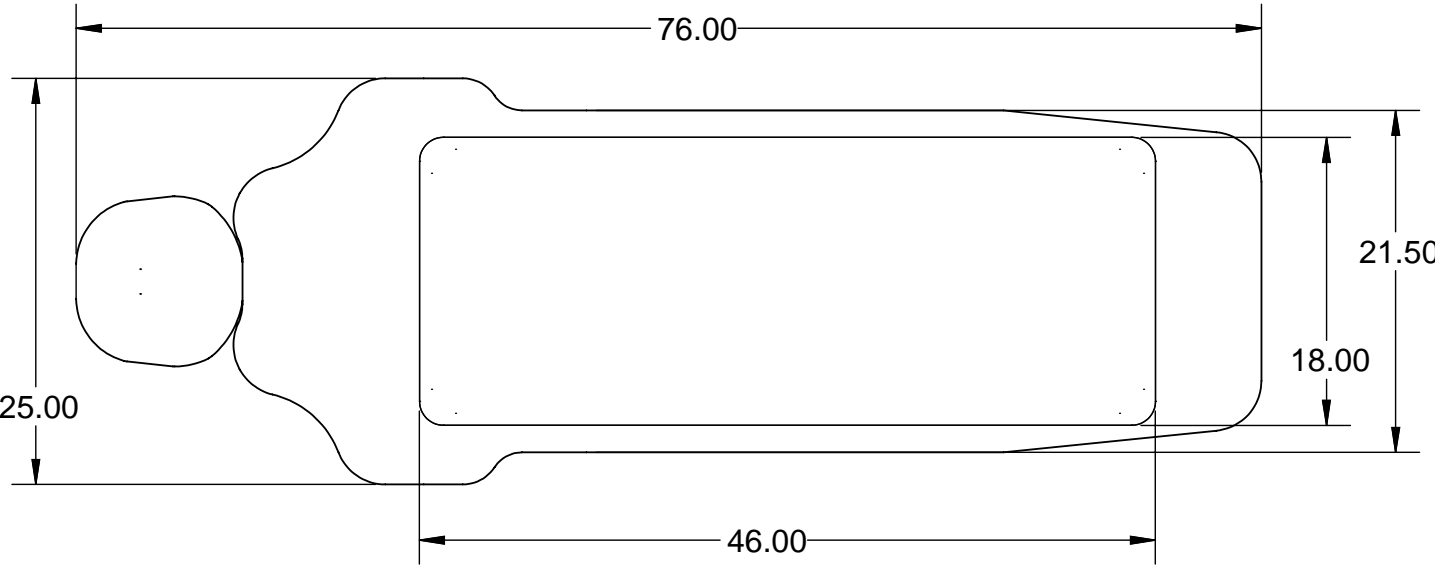
Model:	PB4000 & PB4001
Features:	Manual Back Storage areas Instrument Tray (Optional) Light Assembly (Optional) Chair side units (PB4000 only) Assistant package (Optional) (PB4000 only)

### General Product Information

Cabinet:	Wood Construction
Upholstery:	Standard upholstery is vinyl Upgrades are available
Movement:	Manual Seat back
Net Weight:	100 lbs (45.35 kg)
Liquid Protection:	Ordinary equipment (IPX1)
Flammable Gases:	Not suitable for use in the presence of flammable gases or where such gases may accumulate in concentration. (Closed Space)
Operation Mode:	Continuous
Operating Temperature:	Temperature: 5° C to 40° C (41° F to 104° F) Relative Humidity: 20% to 90% @ 30° C - Not condensing Atmospheric Pressure: 97kPa
Storage / Transportation Temperature:	Temperature: -10° C TO 50° C (14° F TO 122° F) Relative Humidity: 20% to 90% @ 30° C - Not condensing Atmospheric Pressure: 45 to 115kPa
Weight Capacity:	350 lbs (158.75 kg) Subject to normal weight distribution  <b>Note:</b> Do not sit on back of seat section. This section is not designed to support the full weight of patient. Do not lift or slide bench using back section or seat upholstery.  <b>Warning:</b> Do not modify this equipment without authorization from Boyd Industries, Inc.

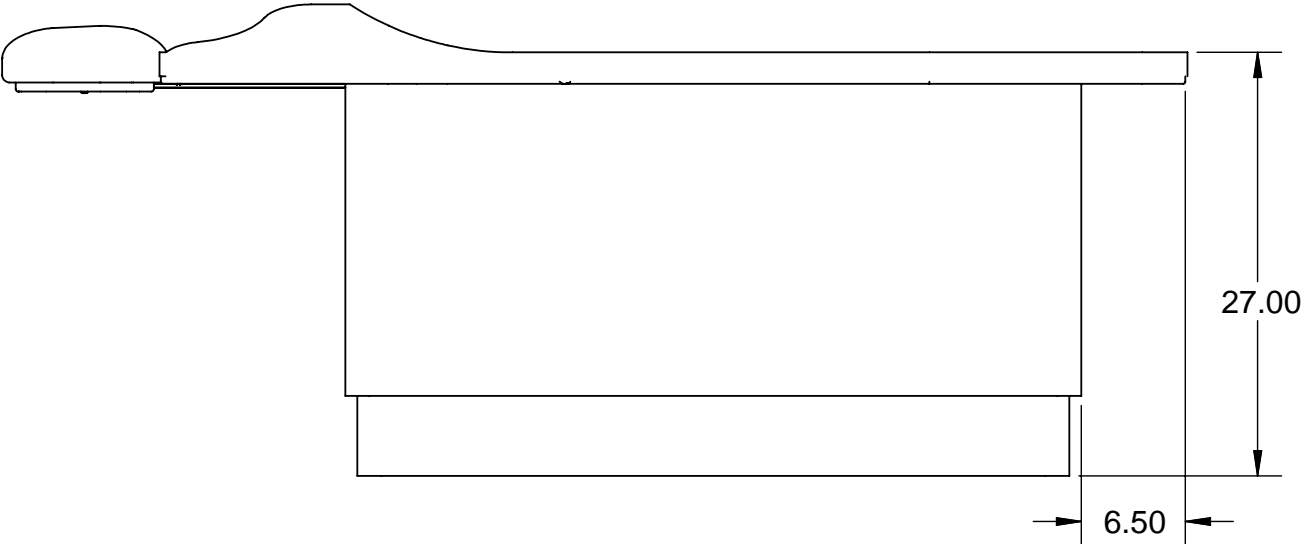
About Your PEDO Bench (Continued)

Product Specifications  
PB4000 & PB4001



**Note:** Headrest height is adjustable approximately 6".

TOP VIEW

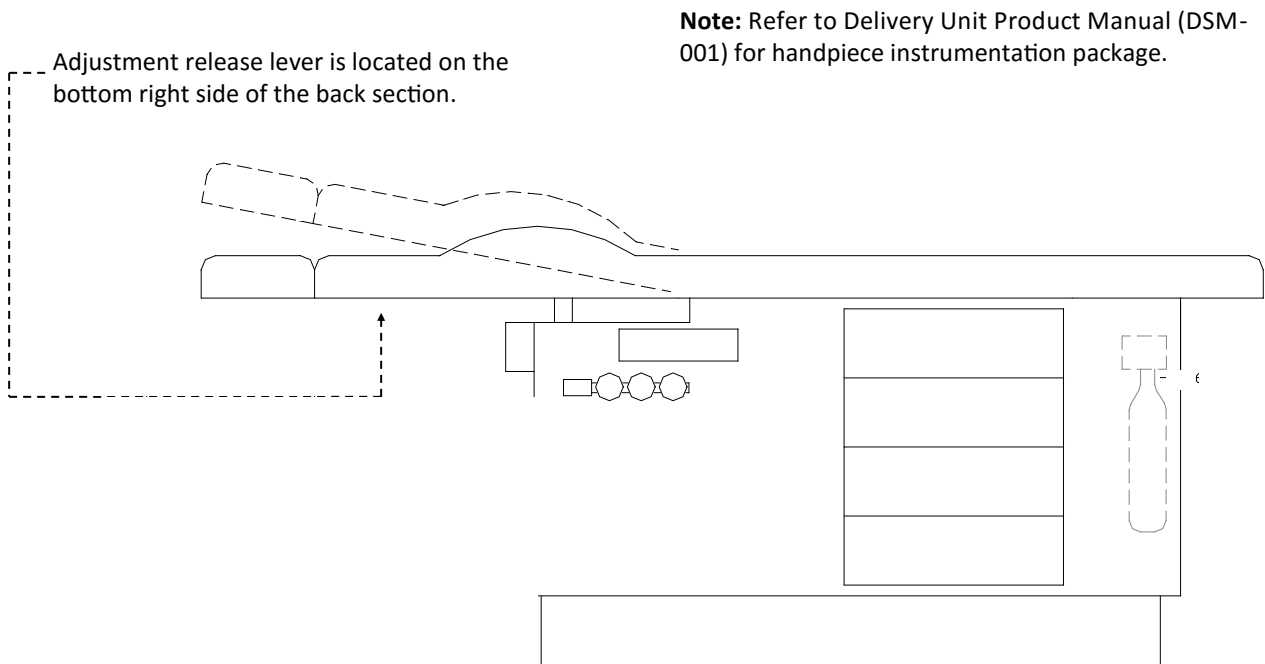


SIDE VIEW

## About Your PEDO Bench (Continued)

### Feature Operation

- Headrest:** The headrest will adjust in and out to comfortably accommodate the patient.
- Foot protector:** The foot protector snaps on and off for ease of cleaning and replacement.
- Backrest:** Activate the release lever on the bottom of the back to position the back section.



**Note:** Drawer size, quantity of drawers and toe kick size can be customized per order upon customer request and affect overall bench height.

## About Your PEDO Bench (Continued)

### Drawer Removal/Installation and Adjustment

#### Drawer Removal:

- 1 Pull drawer all the way out.
- 2 Press and hold release levers (2) on bottom front of drawer and lift drawer upward in front until it is free from slider.
- 3 Discontinue holding release levers.
- 4 Pull drawer off back tabs of slider.



Drawer Opened



Release Levers



Lift and Remove

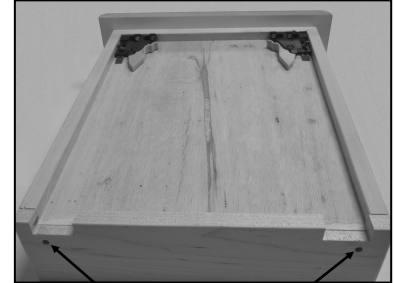
#### Drawer Installation:

- 1 Pull sliders (2) all the way out.
- 2 Place drawer loosely on slider.
- 3 Insert tabs on slider (2) into holes (2) on back wall of drawer and front locks should snap into position.
- 4 Close drawer



Tab Location

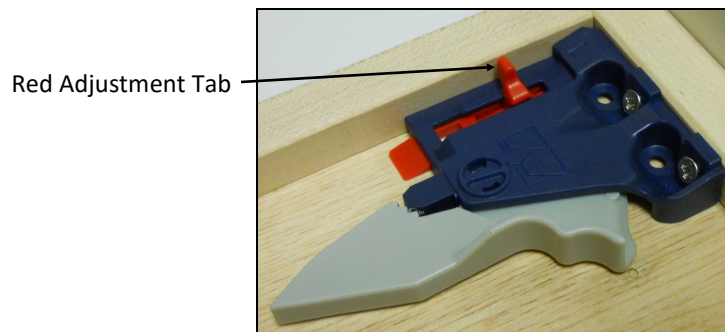
Slider



Hole Location

#### Adjustment Height:

Adjust the height of the drawer face by sliding the red tab located under the drawer in the release lever assembly. Push the tab toward the rear of the drawer to raise the drawer face and toward the front of the drawer to lower drawer face.





## Unpacking Procedure

### Preassembly Check:

Open shipping cartons carefully and check to see that all parts are received and have not been damaged during shipping.

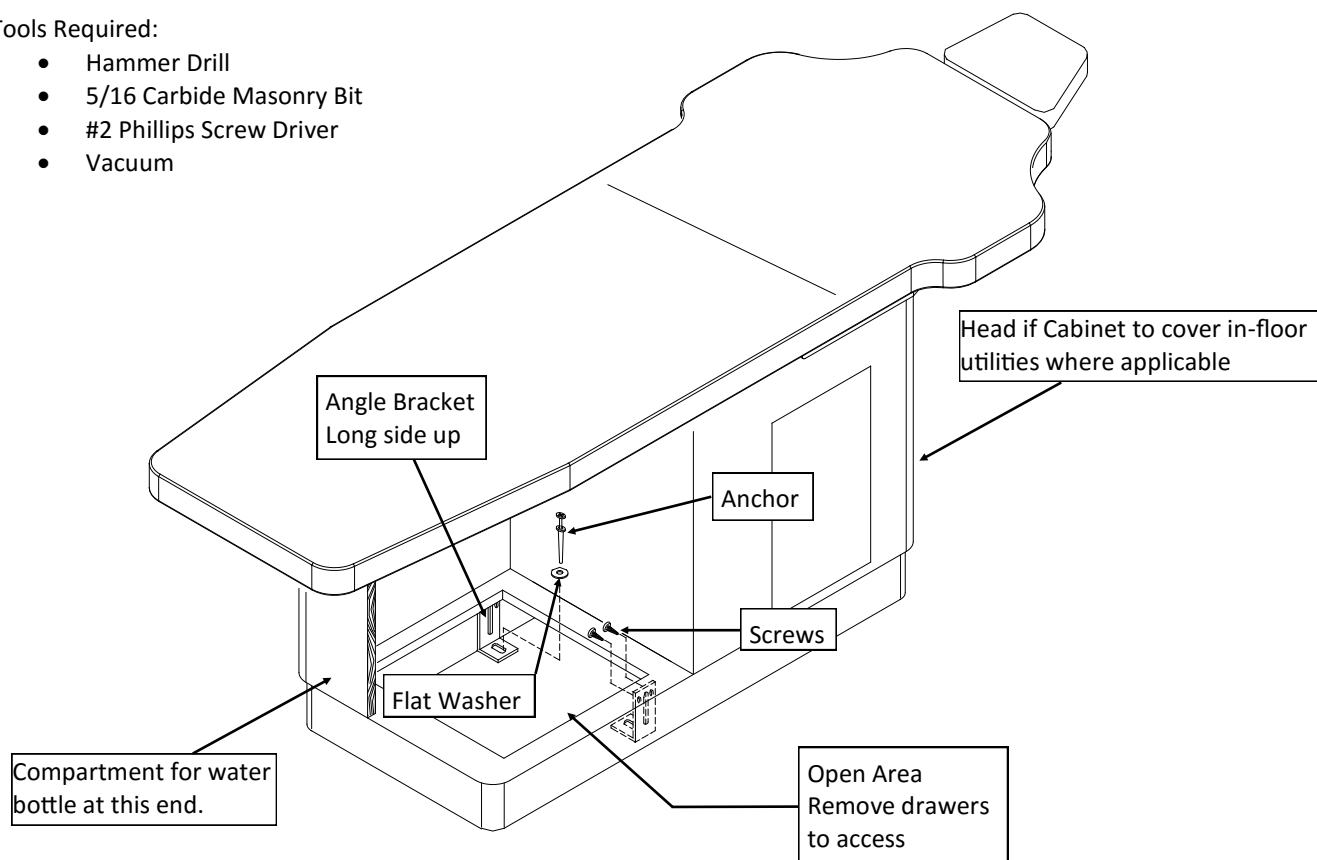
### Unpacking PEDO Bench:

- Remove the plastic banding from the carton.
- Remove the carton top section.
- Remove the carton side sections.
- Remove the Pedo Bench from the carton by removing the shipping cleats.

**Note:** Lift the pedo bench to move it. Do not slide it or the laminate may get chipped. Do not set bench on any plumbing that may be hanging from the bench while moving.

### Tools Required:

- Hammer Drill
- 5/16 Carbide Masonry Bit
- #2 Phillips Screw Driver
- Vacuum



## Installation Procedure

### Installation:

- Place the bench in desired position. Place the head side of the cabinet over utilities where applicable.
- Secure the bench to the floor. There are two (2) angle brackets and two (2) anchors provided with the bench for securing the bench to the floor. Access the brackets through an opening under the drawers.
  - ◇ Use supplied #8 x 3/4" long screws to attach angle bracket to bench cabinet.
  - ◇ Drill holes in floor cement using bracket for position and vacuum holes to remove dust.
  - ◇ Install anchors.

**Caution:** Failure to anchor the cabinet will create a safety hazard allowing the Pedo Bench to tip.

- See "CSU Manual" for delivery unit information and utilities.

## Light Post Installation (Optional)

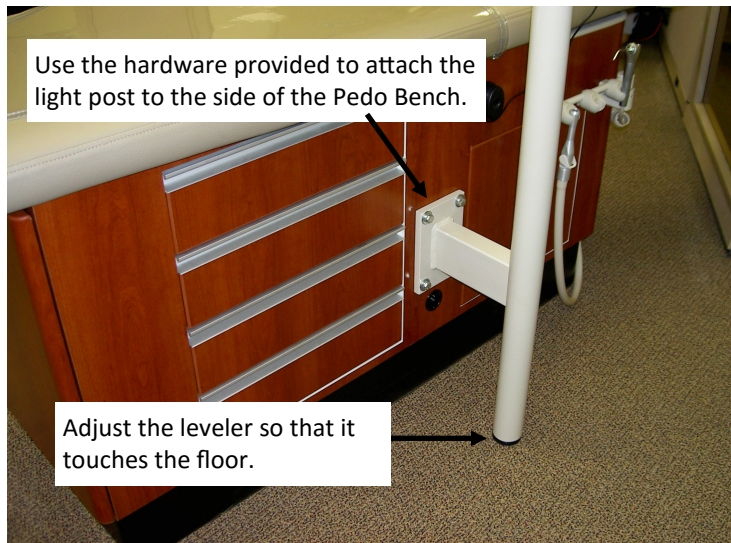
The light post installs in the location shown below on either side of the bench for units manufactured after January 2012.

**Call Boyd Industries for information on attaching a light post on units manufactured prior to this date.**

Benches ordered with the light post option will arrive with the T-nuts installed and holes cleared in the cabinet to attach the light post in the location requested. Use the hardware provided to attach the post to the side of the bench and adjust the leveler pad so that it touches the floor and helps to support the post.

Retrofitting an existing bench:

All units manufactured after January 2012 have the mount T-nuts installed on both sides for adding a light post at any time. The holes are covered by the exterior laminate and will need to be opened up to allow for mounting. Drill holes in the laminate with a 3/16" diameter drill bit from inside the cabinet using the existing T-nut locations as a guide. Once located, clear the holes from the outside and attach light post as noted above.



Route the cord from the light thru the top of the post and out the hole at the bottom of the post.

**Note:** Be sure that there is a plastic sleeve insert in the top of the post before inserting the light.

Route the cord thru the access hole in the side of the Pedo Bench and connect it to the power transformer inside of the bench.

## General Maintenance and Care

### Cleaning

It is recommended that the chair and equipment be thoroughly cleaned and disinfected in accordance with the appropriate FDA guidelines. Use only cleaners and disinfectants approved for cleaning vinyl. Do not use strong or harsh cleaners as they may cause the vinyl color to fade. Apply the cleaner to a towel, not directly to the vinyl. Refer to vinyl manufacturer's data on Boyd's website for cleaning products. ([www.boydindustries.com/support](http://www.boydindustries.com/support))

### Infection Control

All established infection control policies should be followed. All work surfaces and patient contact surfaces should be disinfected between patients and at the end of the day using a product that is EPA registered as 'hospital disinfectant' and labeled for 'tuberculocidal' activity.

PB4000 Only:

- Hand pieces and metal syringe tips must be autoclaved between patients.  
Check manufacturer information for details. (270°F @ 20psi for 30 minutes)
- SE, HVE, Tubing, Keyboards and work surfaces must be cleaned and disinfected between patients and at the end of each day.  
Use a product that is EPA registered as 'hospital disinfectant' and labeled for 'tuberculocidal' activity.

Two (2) such products are:

Tri-cide (800)342-3096

Medocadocio (800)777-7072

Do not attempt to clean and re-use disposable tips that are designed for one (1) patient use only.

### Technical Service

For parts, service, or technical information contact:

Worldwide: Boyd Industries, Inc.  
12900 44th Street North  
Clearwater, Florida USA 33762  
tel: 1-727-471-5071 (direct service line)  
1-800-255-2693  
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