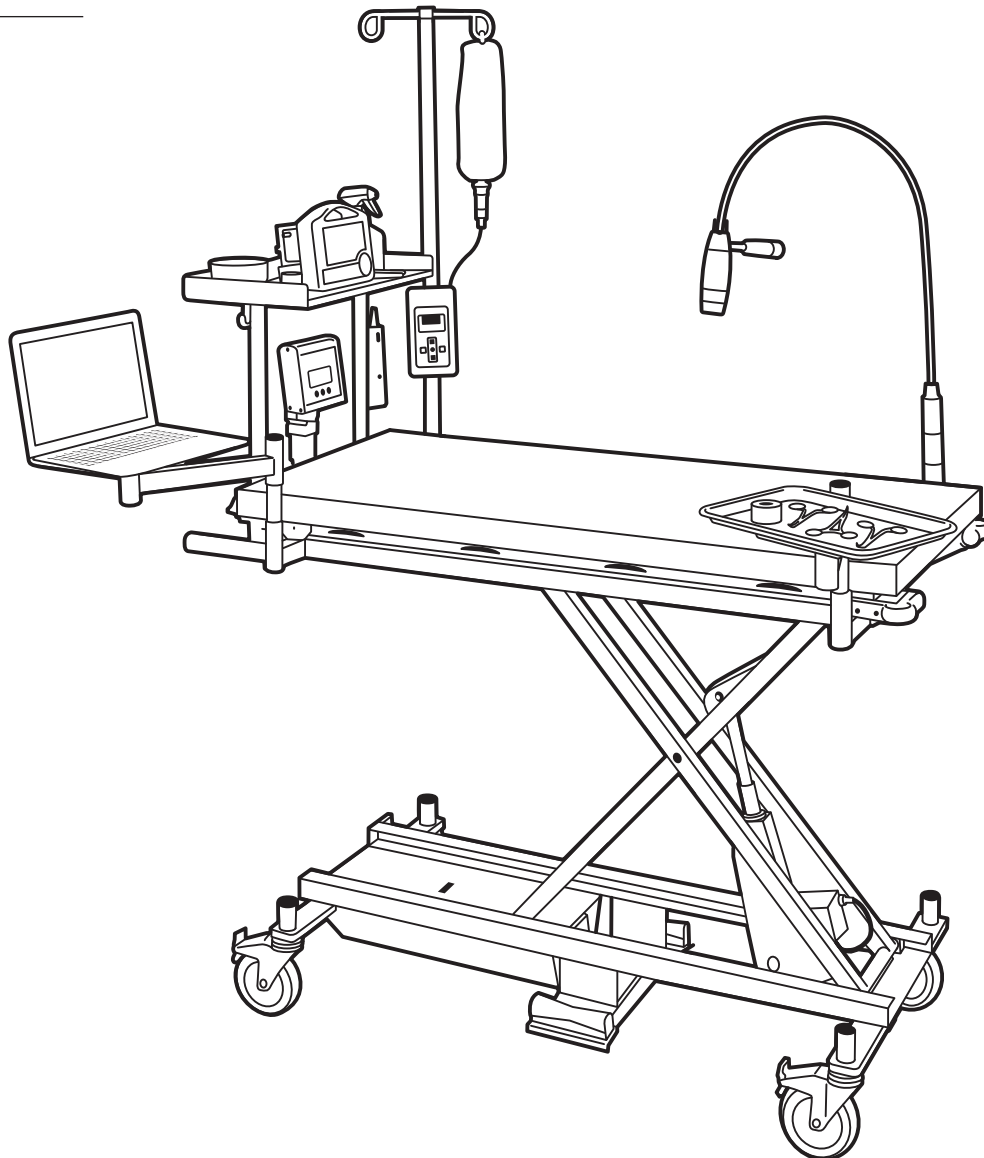


Owner's Manual

# Olympic Advanced Treatment Station™

Model 51601, 51602

Serial # \_\_\_\_\_



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## About this Manual

This manual contains information on the setup, use and upkeep of the Olympic Advanced Treatment Station and should be read in its entirety before first use to assure safe operation and optimal performance.

This treatment station has a serial number you will need to reference when seeking technical support, located behind the Power Plug. For future reference, it is recommended you write this serial number on the front of this manual.

## Table of Contents

Component Identification.....	3
Introduction .....	4
Quick-Start Instructions.....	4
Safety .....	5
Unpacking and Set-Up .....	5
Operation .....	5
Loading and Unloading .....	5
Height Adjustment .....	6
Steering and Braking.....	6
Corian® Table Top.....	6
Onboard Power Strip.....	6
Scale .....	6
Equipment Shelf (optional).....	6
IV Pole and Instrument Tray (included), Laptop Tray (optional).....	6
LED Exam Light (optional) .....	6
Battery .....	7
Connecting the Power Cord for Charging the Battery .....	7
Connecting the Power Cord to the Power Strip.....	7
Charging .....	7
Indicators.....	7
Preventive Maintenance.....	8
Cleaning.....	8
Cleaning and Lubricating the Glide Channels.....	8
Lubricating and Inspecting Casters .....	8
Lubricating Pivot Points.....	9
Trouble Shooting.....	9
Specifications.....	10
Ordering Information.....	10
Optional Accessories.....	10
Service .....	10
Warranty.....	11
Contact Us .....	11

### List of Figures

Figure 1 – Component Identification.....	3
Figure 2 – Caster Lubrication.....	8

# Component Identification

The following illustration demonstrates the key components of the Olympic Advanced Treatment Station.

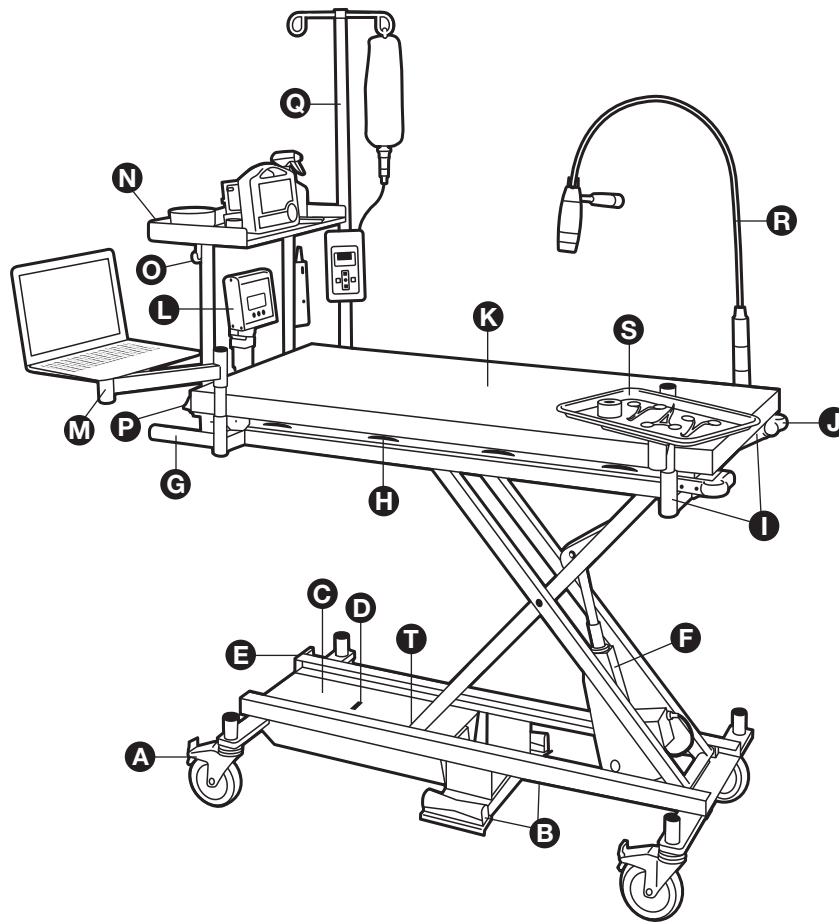


Figure 1

Item	Description	Item	Description
<b>A</b>	Total-Lock Casters	<b>K</b>	Corian® Top with Anti-drip Edge
<b>B</b>	Foot switches	<b>L</b>	Precision Scale
<b>C</b>	Battery	<b>M</b>	Laptop Swing Arm (optional)
<b>D</b>	Battery Status Indicator	<b>N</b>	Equipment Tray (optional)
<b>E</b>	AC Power Connector	<b>O</b>	Accessory Hangers (2) (optional)
<b>F</b>	Linear Actuator (Lift Mechanism)	<b>P</b>	7-Outlet Power Strip
<b>G</b>	Push Handles	<b>Q</b>	IV Pole (included)
<b>H</b>	Tie-down Cleats	<b>R</b>	LED Exam Light (optional)
<b>I</b>	Accessory Sockets (4)	<b>S</b>	Swivelling Instrument Tray (included)
<b>J</b>	Front Bumpers (2)	<b>T</b>	Glider Blocks

## Introduction

The Olympic Advanced Treatment Station is a completely equipped mobile station for treatments and advanced procedures. It is suitable for transporting or treating anesthetized or awake patients up to 250 pounds anywhere within the clinic.

Infinitely adjustable, it can quickly be set to the height of a cage, operating room table or any other surface up to 40 inches high. And it can be lowered to within 14 inches of the ground so you can easily unload heavy patients with minimal lifting. To assure it is always at the ready, the Advanced Treatment Station is powered by a rechargeable battery with a built-in battery charger. Using a precision scissors drive system, operation is always smooth and quiet.

The Treatment Station includes a Corian<sup>®</sup> top with anti-drip edge and built-in Precision Scale, and incorporates Olympic's unique system of interchangeable accessories that drop into sockets at all 4 corners and at the back of the table. These include: an Equipment Tray with Accessory Hangers, a Laptop Swing Arm, an Instrument Tray, an LED Exam Light and an IV Pole.

Extra large Total-Lock casters and a lightweight design make the unit maneuverable in even the tightest spaces, and a built-in ergonomic handle allows a single operator to move the table with ease.

## Quick-Start Instructions

**Note: This section is intended for use only after you have read and familiarized yourself with the entire contents of this manual, including all safety precautions and warnings.**

1. Plug the unit into a wall outlet for a minimum of 24 hours prior to first use to fully charge the battery. Failure to do so may compromise battery life.

**Note: Be sure to unplug the unit before attempting to raise or lower the lift. As a safety precaution, the lift will not operate as long as the unit is still connected to AC Power.**

2. Familiarize yourself with the locking mechanism of the 4 casters. The Treatment Station includes 4 "Total-Lock" brakes. When engaged, they will prevent the lift from rolling forward or backward.  
**CAUTION: All 4 casters must be locked when used as a stationary treatment station.**
3. You may push or pull the unit using the integrated handles located at the rear of the station.
4. Raise or lower the platform as desired by pressing and holding either foot switch. Height should be adjusted only when the unit is stationary and the brakes are engaged.
5. Insert or remove the Accessories as desired. Accessory sockets are located at each corner and at the rear of the station.

# Safety

Used properly, this product is designed to provide safe, trouble-free operation. All electrical components are UL-Certified and all mechanical parts are built to exacting specifications. Throughout this manual, possible hazards are identified, and appropriate instructions to avoid such hazards are provided. In some cases, this manual points out the consequences of disregarding such instructions. Olympic Veterinary uses the following system for identifying safety hazards:

**Danger** – Immediate hazard that will result in severe personal injury or death.

**Warning** – Potentially hazardous conditions which, if ignored, could result in severe personal injury or major damage to the equipment.

**Caution** – Potentially hazardous conditions which, if ignored, could result in minor personal injury or minor damage to the equipment.

The user should be aware that this lift is a powerful machine with moving parts capable of causing injury if proper precautions are not taken. The lift is raised and lowered by means of a powerful electrical actuator, and care must routinely be taken to assure that hands, feet and other body parts are not in the path of the lift mechanism.

Please read and follow the instructions in this manual, including all safety instructions and precautions, carefully and completely.

## Unpacking and Set-Up

Your Olympic Treatment Station will arrive in 3 stacked boxes strapped to a pallet. The Treatment Station requires no tools to assemble. After raising the table fully, remove the Corian® Top and gently place it over the scale platform. Remove the Equipment Tray (if ordered), insert its posts into the 2 Accessory Sockets ❶ at the rear of the table, and tighten the 2 thumbscrews. Unpack any other accessories ordered and drop into sockets to assure fit up.

**Transit damage:** If you suspect concealed product damage, then please save all packaging and contact Olympic Veterinary immediately at 1-800-789-6867.

**Unpacking:** Olympic Veterinary tests and inspects every unit prior to shipment. Once all packaging materials have been removed, inspect the unit carefully for signs of damage to the electrical components and check all connections for tightness. Ensure your new product is in proper working order and has not experienced any damage during transit.

**Note: Please report any claims regarding initial manufacturing quality within 10 days of receiving product.**

## Operation

### Loading and Unloading

1. Position the Treatment Station on a level surface and lock the 4 Total-Lock casters ❶.
2. The patient should be placed in the center of the platform. Off-center loads are unstable and may reduce the load capacity of the unit.
3. If the patient is active or may move around during transport, fasten with tie-downs to the cleats located under the platform.

**Warning:** Do not lift a load that exceeds the maximum rated load capacity (250 pounds). Note that this capacity is reduced if the load is off-center.

**Warning:** Do not load or unload the lift while it is moving up or down.

**Warning:** The lift may be used briefly in transporting patients in wet conditions, but should not remain in extremely wet environments for extended periods. Nor should any part of the lift be submerged.

## Height Adjustment

The height of the platform is controlled by a Foot switch **B** located on either side of the unit. The Treatment Station can be raised by pressing on the left side of the foot switch and can be lowered by pressing on the right side of the foot switch. As a safety feature, the unit will stop moving as soon as the operator's foot is removed from the foot switch.

**Warning:** As the lift moves up and down, "pinch points" are created where the scissor legs cross, where the upper platform comes to rest on the lower platform, and in the path of the rollers. Care should be taken to ensure that no part of the operator or patient, or any foreign object, is in the path of the scissors.

**Caution:** If the lift fails to move or exhibits strange sounds or movements, stop immediately and do not operate further until it has been checked and repaired.

## Steering and Braking

The lift travels on 4 high-quality hospital-grade Total-Lock casters. When engaged, these prevent the lift from rolling forward or backward.

## Corian® Table Top

The Olympic Treatment Station comes with an integrated Corian® top with anti-drip edge.

When transporting an awake animal, or an anesthetized animal without the help of an assistant, care should be taken to secure the patient to the integrated cleats using tie-downs.

## Onboard Power Strip

An onboard Power Strip with 7 electric outlets is located at the end of the table near the Instrument Shelf.

## Scale (standard)

The Olympic Treatment Station comes with a pre-installed Precision Scale. Insert 6 AA batteries into the Battery Compartment and the Scale is ready for use. No calibration required. Accuracy is to  $\pm 0.1$  pounds and scale is reliable for patients between 2 and 250 pounds.

## Equipment Shelf (optional)

Two specially outfitted sockets adjacent to the Push Handles accommodate the Equipment Shelf. Fully insert the 2 posts and tighten the thumb screws for a secure fit. The Equipment Shelf includes 2 hangers for securing clippers, slots for securing equipment with Velcro straps.

## IV Pole and Instrument Tray (included), Laptop Tray (optional)

Accessories are designed to drop into the 4 accessory sockets **1**, no tools required. A locking tab at the bottom of the socket ensures accessories are properly engaged.

## LED Exam Light (optional)

An LED Exam Light mounted on an adjustable gooseneck can be inserted into any of the 4 Accessory Sockets **1** and plugged into the onboard Power Strip.

## Battery

The lift is electrically operated using an on-board 24 volt Battery Pack **C** that snaps into a built-in Control Box/Charger located between the scissors legs. Properly maintained, the battery should provide many years of reliable service. To replace, reach under the top of the battery, pull up on the release lever and slide the battery out.

### Connecting the Power Cord for Charging the Battery

Your lift's AC Power Connector **E** is located directly in front of the Battery **C**. You may connect the unit to any 120V/60Hz wall outlet with the provided 10' extension cord.

### Connecting the Power Cord to the Power Strip

The same computer-style power cord used to charge the battery can be used to connect the Power Strip.

### Charging

Before first use, the battery should be charged for 24 hours. Thereafter, recharging the battery fully may require up to 6 hours of continuous charging. Leaving the unit connected to AC power beyond 6 hours will not harm the battery or compromise battery life.

Best practice is to connect the lift to AC power once a week and leave it connected overnight. If the battery is routinely recharged it will last up to 5 times longer than a battery that is routinely allowed to discharge to empty.

**Note: Be sure to unplug the unit before attempting to raise or lower the lift.  
As a safety precaution, the lift will not operate as long as the unit is still connected to AC Power.**

### Indicators

Indicator lights on the faceplate of the controller provide information about charging status, as follows:

**Green and Yellow On:** Unit is connected to AC Power and battery is charging.

**Green Only:** Battery is fully charged. Unit may be unplugged from AC power.

**Note:** There are no external fuses on this device. There is, however, a current cutoff inside the control box that is set at 7 Amps. This means that if the actuator were ever extremely overloaded, or in a bind situation, there is a mechanism inside the control box that cuts current to the motor. Once this current cutoff has been activated, it requires that you remove your foot from the foot switch, and press the switch again to attempt to operate the actuator. If the actuator is still overloaded, it will not move. The user must either remove load from the top, or remove the actuator from the bind condition.

**Warning:** The battery contains lead acid and should not be punctured or damaged. Seek urgent medical advice if acid contacts skin or clothing. Ensure that the battery is disposed of safely and according to local regulations.

**Warning:** There is a ventilation hole in the back of the battery pack. This hole must remain clean and unblocked to ensure that positive pressure within the battery is released.

## Preventive Maintenance

The Treatment Station is a durable piece of equipment designed to provide many years of trouble-free performance with only minimal maintenance.

The following outlines the recommended schedule, under normal use, for cleaning, lubrication and inspection. Heavy use or use under severe conditions might dictate shortening these intervals.

Procedure	Frequency
Cleaning	Daily
Charging	Weekly
Cleaning and lubricating the glide channels	Monthly
Lubricating casters and pivot points	Every 6 months (more often in wet conditions)
Inspecting frames and fasteners	Every 6 months

### Cleaning

The lift should be wiped down daily with a soft cloth, using either plain water or a mild disinfectant. All surfaces may be cleaned in this way, although care should be taken to minimize the amount of water or other fluids used on the battery/controller and around electrical connectors.

Properly maintained, the powder coated finish on your lift should look good even after years of service. While minor scuffing and scratching is to be expected over time, it can be minimized by avoiding the use of abrasive cleaning products or abrasive applicators such as “steel wool” or hard plastic scrubbers.

**Caution: The lift should never be washed down with a power washer as this can damage sensitive electronics and remove lubricant from the rollers and casters.**

### Cleaning and Lubricating the Glide Channels

The scissors mechanism that lifts and lowers the lift terminates with glider blocks **T** that ride in metal channels at the top and bottom of the unit. These channels should be inspected regularly and wiped clean to assure smooth movement. They should also be sprayed with a liquid lubricant such as Boeshield T-9.

### Lubricating and Inspecting Casters

The hospital-grade casters on your lift are designed to provide years of reliable service. Regular lubrication, however, is important in maintaining optimal performance. Under normal operating conditions, the casters should be lubricated every 6 months. However, when operated frequently in wet conditions, monthly lubrication is recommended.

Each caster has two points that require lubrication – the swivel mechanism **X**, and the wheel axle **Y**. Olympic recommends the use of a spray-on liquid lubricant such as Boeshield T-9. When lubricating the swivel mechanism, use just enough grease to cover the ball bearings, then turn the wheel several times in both directions to distribute evenly. When lubricating the wheel axles, apply just a spot of lubricant to each side.

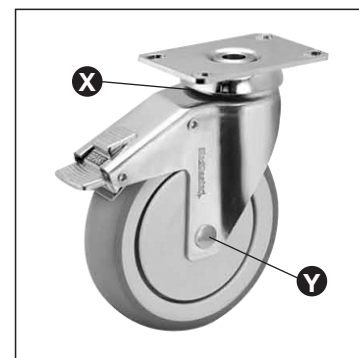


Figure 2

Casters should also be inspected regularly for signs of wear that indicate time for replacement. Continued use of excessively worn casters may compromise overall performance and braking ability.



The following are all indications that a caster needs to be replaced:

1. Swivel is loose or wobbly.
2. Swivel is too tight, even after lubrication and cleaning.
3. Wheels are excessively pitted, missing chunks of rubber or have developed flat surfaces. These conditions will make steering imprecise and difficult.
4. Brakes slip due to worn wheels.
5. Swivel locks fail to hold.

**Caution:** Brakes should be tested regularly and before engagement on any nonlevel surface. The lift should not be used unless all brakes are operational.

## Lubricating Pivot Points

Lubricant should also be applied to the two pins that retain the linear actuator.

Olympic recommends spraying these pivot points with a liquid lubricant such as Boeshield T-9.

## Trouble Shooting

Problem	Possible Causes	Remedies
Lift will not raise or lower.	Battery is out of power.	Recharge the battery, making sure that the green indicator light illuminates, which confirms connection to a live wall outlet.
	AC power cord is still connected to the controller.	Disconnect power cord. Unit will not operate when connected to wall power.
	Foot switch cable is disconnected.	Check that the cable from the foot switch to the controller is properly connected and not frayed.
	No power to the actuator.	Check that power cable from the actuator is properly connected to the control box and not frayed.
	Other	If all of the above actions fail to cure the problem, call Olympic Veterinary Technical Support at 800-789-6867.
Lift raises OK, but then slowly lowers by itself.	Load exceeds rated 250 pounds capacity or is off-center.	Lift should not be loaded with more than 250 pounds, centered on platform. Remove excess load.
	Linear Actuator brake or motor coupling may be worn out.	Call Olympic Veterinary Technical Support for further instructions at 800-789-6867.
Makes noise or vibrates while raising or lowering.	Load exceeds rated 250 pounds capacity or is off-center.	Lift should not be loaded with more than 250 pounds, centered on the platform. Remove excess load.
	Dirt or hair has accumulated on scissor gliders.	Wipe down the glide tracks on top and bottom assemblies to remove debris.
	Pivot points require lubricant.	Lubricate all pivot points as described above under Preventive Maintenance.
	Other	If all of the above actions fail to cure the problem, call Olympic Veterinary Technical Support at 800-789-6867.

## Specifications

### Olympic Advanced Treatment Station – Model 51601, 51602

Lift capacity – 250 pounds

Tabletop size – 23"W x 53"L

Height range – 14" to 40"

Overall maximum dimensions – 23"W x 58"L

Casters – 4 Total-Lock Brakes

Tie-down cleats – Under both sides of table

Electrical – 120V/60 Hz

Net weight without accessories – 95 pounds

## Ordering Information

**51601** – Olympic Advanced Treatment Station, complete with all accessories below

**51602** – Olympic Advanced Treatment Station with IV Pole and Instrument Tray

### Optional Accessories

**51613** – Equipment Tray

**51614** – LED Exam Light

**51615** – Laptop Swing Arm

## Service

If you have any questions or experience any difficulties with this product, please call Olympic Veterinary Customer Service at 1-800-789-6867 between 7:30 a.m. and 4:30 p.m. Pacific Time, Monday-Friday. We are eager to help you, and in many cases will be able to resolve the problem for you over the phone.

If a repair is required, you will in some cases be asked to return the unit (or one of its components) to the Olympic Veterinary repair facility. This will require a Return Merchandise Authorization number (RMA), which is issued by a customer service representative.

**Note: In no case should this product or any of its components be returned without the advance approval of Olympic Veterinary and a valid RMA number.**

For repairs within the specified warranty period, the user pays the cost of shipping the original component to Olympic Veterinary and Olympic Veterinary pays the cost of shipping the replacement back to the user. For components not under warranty, the user pays shipping both ways.

In many cases, repairs can be completed by the clinic's staff using the provided parts and instructions. Where out-of-warranty repairs require the services of an Olympic Veterinary technician, the user will be billed at the then prevailing rate, to be quoted in advance.

## 3-Year Unconditional Warranty

The Olympic Advanced Treatment Station (model 51601, 51602) is unconditionally warranted for a period of three (3) years from the date of invoice.

Olympic Veterinary will elect to repair or replace a defective component without charge within the warranty period. The charge for shipping the defective component is the responsibility of the buyer and must be accompanied by an RMA number. The shipping charge to return the component to the buyer is the responsibility of Olympic Veterinary, Inc. In some cases, at Olympic Veterinary's sole discretion, it may be possible to provide the user with a repair kit, authorizing the user's technical staff to complete the repair. In such cases, the labor cost shall be the sole responsibility of the user.

This warranty is not valid for damage resulting from negligence, accident, unreasonable use, abuse or misuse, exceeding weight limits or altering the product without prior Olympic Veterinary authorization.

Olympic Veterinary expressly disclaims and excludes any liability for consequential, incidental, indirect or punitive damages or financial loss to people or property resulting from any breach of warranty or from the improper operation of this equipment.

This limited warranty is provided to the original purchaser and is not transferable. This constitutes the complete and final agreement for the Olympic Veterinary Treatment Station, model 51601, 51602.

## Contact Us

### Olympic Veterinary Corporation, Customer Service

9311 SE 36th Street, Unit 220  
Mercer Island, WA 98040

**Phone:** (800) 789-6867

**Fax:** (800) 905-0839

**Email:** [info@OlyVet.com](mailto:info@OlyVet.com)

### **NOTE: THIS IS NOT THE STREET ADDRESS TO BE USED FOR RMA RETURNS.**

Detailed shipping instructions will be provided by customer service when a RMA is issued.