

## Congratulations on purchasing the Alexis® Peristaltic Pump!!

### Setting up the Alexis Peristaltic Pump (Item # ALXPERRI-20000):

#### IMPORTANT NOTES, PLEASE READ BEFORE USING THIS PUMP

1. *If the LVD (Low Voltage Disconnect) light appears red, the pump will shut off and then turn on every few seconds (pulsate) or the pump will shut off which indicates the battery level is below 10.75 volts. Please push master pump switch to the off position. By not doing this you will damage the internal battery and may not be able to charge the Alexis. You will need to charge your battery immediately. THE PUMP WILL NOT TURN ON OR EVEN BE ABLE TO CHARGE UNLESS THE BATTERY VOLTAGE IS GREATER THAN 11 VOLTS. ONCE THE BATTERY IS CHARGED, NOW POWER ON YOUR PUMP.*
2. If the Internal Fuse engages then it will automatically shut off the pump. This only happens if you should accidentally “reverse polarity” the pump clamps to the battery. The internal fuse will also engage and shut off the pump if the pump should overload. If any of these situations occur, push master pump switch to the off position. Wait 30 seconds for the internal fuse to reset. Then turn on pump according to options 1 or 2. Turn on the power and the pump is ready to use. There is no fuse to replace in this unit! Pump is not waterproof or water resistant.
3. **IF INTERNAL BUZZER SOUNDS, IT MEANS THE BATTERY LEVEL IS BELOW 10.75 VOLTS AND NEEDS TO BE CHARGED. PLEASE PUSH MASTER PUMP SWITCH TO THE OFF POSITION AND CHARGE YOUR BATTERY IMMEDIATELY.**
4. Always remember to push master pump switch to the off position when storing or transporting the Alexis Peristaltic Pump (Item # ALXPERRI-20000). Master pump switch disengages all power in the unit. **NEVER STORE ACCESSORIES IN THE LID AREA. DOING SO WILL DAMAGE PUSH BUTTONS!!**
1. Before operating please insert the proper silicone tubing into the Masterflex Easy Load 2 Pump Head. Please use Masterflex or tubing comparable to : MF# LS 15: 3/16"ID X 3/8" OD, MF# LS 24: 1/4" ID X 7/16" OD. For 3/8" ID X 5/8" OD tubing please use Masterflex only: MF# LS 36: 3/8" ID X 5/8" OD.

#### OPTION 1: Sampling when using the Built-in 22 AMP AGM Internal Battery:

1. **Push the Master Pump Switch On**, and then push the **INTERNAL BATTERY BUTTON** on the control panel.
2. Push the **PUMP ON BUTTON** to the on position.
3. Push the **FORWARD** or **REVERSE BUTTON** on the control panel. **FORWARD** is to lift the liquid from the well. **REVERSE** is to back flush the liquid.
4. Now accurately control the flow of liquid by pushing the **FASTER** or **SLOWER BUTTON**. The variable speed control allows you to lift samples from 30 feet at sea level. The Alexis® has a flow rate from 40ml to 1800ml per minute (depending upon tubing size and depth to water). It incorporates a proprietary control system that will “boost” the internal battery voltage to a consistent voltage output of 13 volts (max) or slightly higher; even if the battery has been running for several hours.

#### OPTION 2: Sampling and charging at the same time when using the AC plug:

##### (With either 110 volt or 220 volt)

1. Insert the male power cord from the Vmax charger into the female connector on the front of the Alexis pump (you will notice the green light illuminated under “External Source in Use.” Push the **MASTER PUMP SWITCH** on, and then push the **INTERNAL BATTERY CHARGER** on button. This will start the battery charging process. If the User wishes to use the external AC power then the INTERNAL BATTERY CHARGER button needs to stay on all of the time. And at the same time the user is also charging the internal 20 amp AGM battery at the same time.
2. Push **INTERNAL BATTERY BUTTON ON**. Then push the **PUMP ON BUTTON**.
3. Push the **FORWARD** or **REVERSE** button on the control panel. **FORWARD** is to lift the liquid from the well. **REVERSE** is to back flush the liquid.
4. Now accurately control the flow of liquid by pushing the **FASTER** or **SLOWER BUTTON**. The variable speed control allows you to lift samples from 30 feet at sea level. The Alexis® has a flow rate from 40ml to 1800ml per minute (depending upon tubing size and depth to water). It incorporates a proprietary control system that will “boost” the internal battery voltage to a consistent voltage output of 13 volts (max) or slightly higher; even if the battery has been running for several hours.

#### Charging Instructions with an AC Source: (With either 110 volt or 220 volt)

1. Insert the male power cord from the Vmax charger into the female connector on the front of the Alexis pump (you will notice the green light illuminated under “External Source in Use.” Push the **MASTER PUMP SWITCH** on, and then push the **INTERNAL BATTERY CHARGER** on button. This will start the battery charging process. It may take up to 6 hours to charge the battery 100%.
2. To test the internal battery level, push the **INTERNAL BATTERY CHARGER BUTTON OFF**, then push and hold down the **CHARGE TEST** button. The green light should go all the way to the right, indicating a 100% charge. Keep lid open when charging for battery ventilation.
3. Please charge every 30 days or sooner to maintain good battery life, not doing so will drain the battery and you will not be able to use the pump even in AC or external DC mode. **Remember the internal battery energizes the internal battery of the Alexis, regardless of DC or AC power.**

#### Charging Instructions with alligator clamps hooked to external battery or other 12 volt clamp on style 12 volt output sources.

1. Insert the male cigarette power cord from inverter into the female cigarette receptacle that will be powering the Vmax charger. You will need the accompanied alligator clamps to hook up the charger directly to a 12 volt battery or other type of 12 volt source that incorporates 12 volt power terminals. Then connect the Vmax charger to the AC input into the inverter. Turn inverter on. Now, Plug the Vmax charger into the female connector on the front of the Alexis pump (you will notice the green light illuminated under “External Source in Use.”
2. Push the **MASTER PUMP SWITCH** on, and then push the **INTERNAL BATTERY CHARGER** on button. This will start the battery charging process. It may take up to 6 hours to charge the battery 100%.
3. To test the internal battery level, push the **INTERNAL BATTERY CHARGER BUTTON OFF**, then push and hold down the **CHARGE TEST** button. The green light should go all the way to the right, indicating a 100% charge. Keep lid open when charging pump for battery ventilation.

#### Charging Instructions with cig plug in your automobile:

1. Insert the male cigarette power cord from inverter into the female cigarette plug in your automobile. Then connect the Vmax charger to the AC input into the inverter. Turn inverter on. Now plug the Vmax charger into the female connector on the front of the Alexis pump (you will notice the green light illuminated under “External Source in Use.”
2. Push the **MASTER PUMP SWITCH** on, and then push the **INTERNAL BATTERY CHARGER** on button. This will start the battery charging process. It may take up to 6 hours to charge the battery 100%.
3. To test the internal battery level, push the **INTERNAL BATTERY CHARGER BUTTON OFF**, then push and hold down the **CHARGE TEST** button. The green light should go all the way to the right, indicating a 100% charge. Keep lid open when charging pump for battery ventilation.

### CAUTION!!

**Do not place accessories inside the lid area. When you close the lid the accessories will push down and will damage the membrane overlay that controls the pump.**

### WARNING!!

**This product is to be used ONLY for sampling non-flammable liquids or non-flammable gases!!**

### Limited Warranty Information

Products manufactured by Proactive Environmental Products® International LLC are warranted to the original user only to be free of defects in material and workmanship for a period of 180 days from the date of purchase, provided, however, that if a motor module is built into, affixed to, or provided with any covered product, then the warranty period for such motor module shall be limited to Sixty (60) days from the date of purchase. Proactive Environmental Products® International LLC liability under this warranty shall be limited to repairing or replacing at Proactive Environmental Products® International LLC option, without charge, F.O.B. Proactive Environmental Products® International LLC factory or authorized service station, any defective product manufactured by Proactive Environmental Products® International LLC. Proactive Environmental Products® International LLC will not be liable for any costs of removal, installation, shipping, transportation, or any other charges which may arise in connection with a warranty claim. Products which are sold but not manufactured by Proactive Environmental Products® International LLC are subject to the warranty provided by the manufacturer of said products and not by Proactive Environmental Products® International LLC warranty. Proactive Environmental Products® International LLC shall **not** be liable under this limited warranty or otherwise for wear and tear items or issues (including, but not limited to, seals, bearings, wiring, warping, and bending), damage to products caused by abnormal operating conditions, accident, abuse, negligence, misuse, unauthorized alteration or repair, or if the product was not installed in accordance with Proactive Environmental Products® International LLC printed installation and operating instructions.

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If a product should fail within the warranty specified, please contact your authorized Proactive Environmental Products® International LLC Distributor or call Proactive Environmental Products® International LLC direct at 1.941.322.8504.

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Some jurisdictions do not allow for the exclusion or limitation of incidental or consequential damages and some jurisdictions do not allow limitations on how long implied warranties may last. It is the buyer's responsibility to determine if a certain jurisdiction's rules may apply. Therefore, the above limitations or exclusions may not apply to you and it is your responsibility to determine whether the aforementioned limitations to the limited warranty apply and to the extent such limitations may apply in your jurisdiction. This warranty gives you specific legal rights and you may also have other rights which vary from jurisdiction to jurisdiction.

# ALEXIS®

## Peristaltic Pump

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**PROACTIVE®**  
Environmental Products  
We Are Water!®

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