



➤ VECTOR SETUP GUIDE

Please read this Setup Guide in its entirety.

DO NOT OPERATE THE VECTOR SYSTEM IF YOU HAVE NOT READ THIS SETUP GUIDE OR IF YOU DO NOT FULLY UNDERSTAND HOW THE PROCEDURE SHOULD BE PERFORMED.



IT IS STRICTLY PROHIBITED TO USE THE VECTOR SYSTEM IF YOU HAVE A PACEMAKER. USING THE VECTOR SYSTEM IF YOU HAVE A PACEMAKER MAY RESULT IN SERIOUS INJURY OR DEATH.

Please Call Our Toll Free Vector Electrolysis 24 Hour Support Line If You Experience Any Problems with Your Vector System: **888-736-7417**

➤ VECTOR FEATURES & BENEFITS



U.S. Food and Drug Administration
Vector Registration Number:
B101194

PERMANENT HAIR REMOVAL

Thank you for purchasing the Vector® Electrolysis System. Now you can achieve permanent hair removal in the privacy of your home or offer permanent hair removal services in your salon or Spa.

Warning: Before beginning treatment always plan carefully the areas which are to be removed. Electrolysis will result in permanent destruction of the hair follicle and is irreversible.

MODE OF ACTION

The Vector System works by causing a chemical reaction to occur inside the hair shaft that permanently destroys the hair follicle. Below the surface of the skin hair is immersed in a watery environment with a high mineral content. When current flows down the hair shaft it causes a reaction between water and salt which forms sodium hydroxide (NaOH), an extremely corrosive alkaline. The sodium hydroxide dissolves the hair follicle and the papilla causing a complete and permanent destruction of hair growth.

Since hair itself is an insulator, the silver-chloride conductivity gel is necessary to allow hair to conduct current into the hair shaft.

Pretreatment [OPTIONAL]

It is highly recommended that all hair should be removed from the area by tweezing or waxing before applying treatment. Hairs that grow back will have a much greater moisture and mineral content, highly increasing the effectiveness of the procedure. Allow 2-3 weeks for new growth to appear before continuing with the treatment.

TREATMENT PROCEDURE

Figure A shows the diagram of the Vector TM machine. The machine should be plugged into an 120 Volt AC outlet before continuing with the next steps.

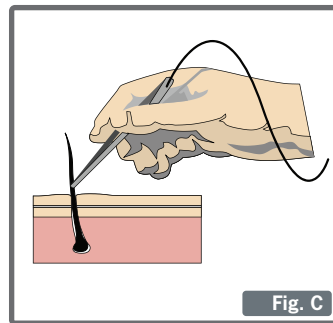
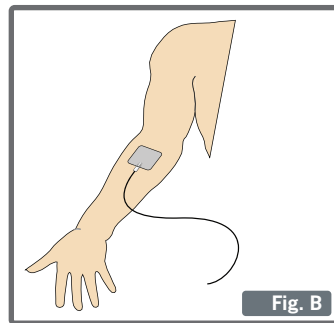
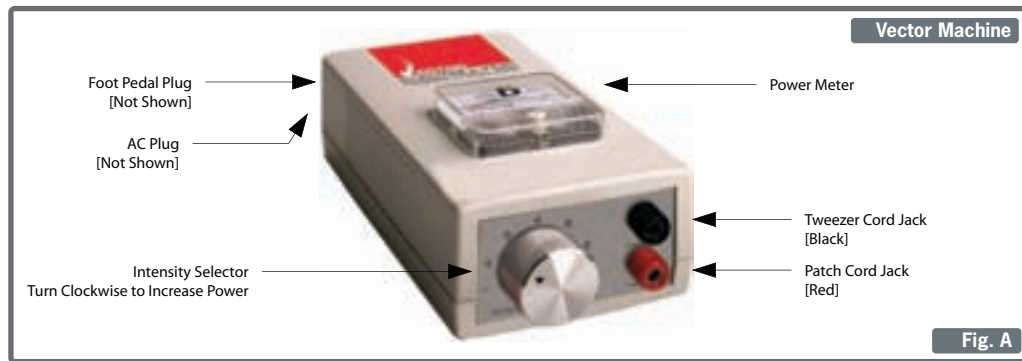
1. Place the Unitab patch electrode anywhere on the body where it does not obstruct treatment areas (Figure B). Attach the included alligator clip to the Unitab electrode and plug the other end into the color-coded input. This is the positive electrode and hair under the patch will not be affected by the treatment.
2. Plug the tweezers into the other color-coded input.
3. Coat the hair that is to be treated with the conductive gel all the way down to the skin using your fingers or a Q-tip.
4. Grasp the hair with the tweezers at the base. Gently pull the hair away from the skin until the tweezers are only touching the hair and not the skin (Figure C). Since hair cannot conduct electricity, the gel is the medium through which electricity can reach the highly conductive environment inside the hair shaft, therefore make sure there is a visible layer of gel between the skin and the tweezers, otherwise treatment will be ineffective. For optimal results, grasp the hair as close as possible to the skin without actually touching the skin.
5. Once the tweezers are in the optimal position press the foot pedal to apply the current.
6. Turn the intensity selector clockwise to increase the current. Determine a power setting that is comfortable. If the power setting is too high the treatment may be painful and skin damage may occur. Try to choose a setting so that the needle on the meter is in the middle of the range. This setting is usually optimal for most individuals.
7. The treatment time for each hair is based on the power setting. Refer to the table below for approximate treatment times.

Intensity Levels:
Treatment Time:

1	2	3	4	5	6	7
35 Sec.	30 Sec.	25 Sec.	20 Sec.	15 Sec.	10 Sec.	6 Sec.

The water and minerals inside the hair shaft turn into sodium hydroxide and the follicle is permanently destroyed. After the recommended treatment time, simply pluck the hair out with the tweezers

VECTOR DIAGRAMS



TIPS ON USING THE VECTOR SYSTEM

1. Hold the tweezers as close as possible to the skin without actually touching the skin. The goal of the procedure is to direct as much current as possible into the hair shaft and to prevent leakage into the surrounding skin. Therefore, it is very important to make sure that the tweezers are never touching the skin during treatment. This is best achieved by grasping the hair so that the tips of the galvanic tweezers are touching the skin and then pulling back slightly to create about 1 mm of distance between the tips of the tweezers and the skin; then press the foot pedal to apply current. Holding the tweezers farther away from the skin will reduce the amount of current reaching the hair shaft.
2. Using the vector requires practice. At first it may seem somewhat daunting removing hair one at a time, but with time as you develop proficiency in the procedure you can actually remove hair fairly quickly over large areas.
3. The recommended treatment times are only approximate. Since every individual has different resistance to current some people will require slightly different treatment times. With practice you will be able to determine the optimal treatment time. For successful treatment you should feel a “stinging” sensation and actually feel the hair follicle burning inside the skin. This sensation should be tolerable; if it is unbearably painful then you are over treating and need to reduce the power setting.

WARNING: Operating the Vector System on a setting that is too high may result in permanent skin damage. Always start out at the lower settings and gradually increase to determine the optimal setting for your body.

ADDITIONAL NOTES

- Permanent hair removal is a gradual process which takes 90 days or more for the complete destruction of the follicle tissues. Each hair must go through its entire growth cycle to be fully destroyed.
- Hair may begin to grow in an area that was completely cleared several months after treatment. Since human hair grows in cycles, these hairs were resting at the time of the original treatment. It normally takes 3 to 4 months for all the hairs to go through a complete growth cycle. Continue treating the area when enough hair is present. After each treatment you will notice a reduction in hair growth. This reduction is permanent and will compound until there is no hair growing from the skin.
- If the skin is scabbing excessively after treatment, then you are over treating. Reduce the power setting until you find a comfortable level. The treatment is most effective when you feel a stinging sensation, but the treatment can be very painful if the power is turned all the way up. This setting is normally used for individuals who have a high resistance to current.
- The Unitab electrodes are reusable. After each use rinse the adhesive side with warm water, then place back on the plastic sheet for storage. If you don't do this right after removing the patch it will dry out and may not be reused. The normal life expectancy of the patch is 10 uses.
- Always be sure to maintain an adequate gel level on the hair. If the gel dries then it will fail to conduct current. If your skin is very dry then you may need to put a dab of gel under the patch as well. If you are not feeling a slight stinging sensation is a sign that the gel may be dry.
- If you have additional questions, comments, or if you need to order replacement parts or patches, please visit us on our web site at: www.vector-electrolysis.com or call our toll-free support line at **888-736-7417**

FOR PROFESSIONAL USERS

If you have purchased the Vector System for use in your salon or Spa you have the option to perform treatments with the enclosed galvanic tweezers or with a traditional electrolysis needle (a license is required to operate the Vector System with an electrolysis needle). A standard electrolysis needle holder can be plugged into the Vector unit in place of the tweezers. We generally recommend doing treatments with the galvanic tweezers it results in greater comfort and safety for the patient.



WARNING!

IMPORTANT - PLEASE READ

IMPORTANT INFORMATION

To prevent electrical shock do not use this device near water. Do not spray with any liquids. This device may carry a live charge even when unplugged, please exercise extreme caution. Do not ever attempt to dismantle the unit, there are extremely high voltages inside. The unit should be unplugged from the wall outlet when it is not used for long periods of time to avoid possible damage to the unit.

Note: The user is cautioned that Divine Skin Solutions Inc. does not assume any legal liability for any property / body damage caused by negligent use of the Vector system or failure to follow the instructions for safe operation outlined in this manual.

KEEP AWAY FROM CHILDREN!

- Please read the user's manual carefully before attempting to use this device.
- Do not attempt to exceed the appropriate power level:
Excessive power applied to any area being treated may result in burns, scabbing, scarring, and other types of permanent skin damage. Please determine safe power levels for your application.
- Keep this device and all of its accessories away from children. Any individuals under 18 years of age must use this device under adult supervision.
- As with most electrical appliances this device contains "live" electrical parts when plugged in. To reduce the risk of death by electric shock:
 1. **Always unplug this device after use.**
 2. **Do not use or store this device where it can fall or can be pulled in to a tub, toilet, or sink.**
 3. **Do not use while bathing.**
 4. **Do not use near or place in water.**



VECTOR
ELECTROLYSIS
PROFESSIONAL HAIR REMOVAL SYSTEM