



ROTARY PEN

USER MANUAL



1. Overview

The Helios Rotary Pen was created to give the artist pinpoint precision and unparalleled control during a tattoo procedure. The Helios Rotary Pen is an extremely versatile machine, and is ideal for black and grey work, soft shading, fine line/detail work, and soft color.

The purpose of this manual is to explain proper use and care for the Helios Rotary Pen, and prevent accidents or injury that may occur if the machine is not used properly. This user manual must be read by any and all individuals who intend on operating, handling, or caring for the Helios Rotary Pen.

The Helios Rotary Pen must only be operated by trained professional tattoo artists who comply with all local laws, as well as all cleanliness and safety standards required by local health officials.

The manufacturer assumes no risk or liability if the Helios Rotary Pen is not operated within the guidelines of this user manual, is operated by a non-professional tattoo artist, or is misused in any way.

2. Hygiene and Safety Instructions

The Helios Rotary Pen should be cleaned before and after use, by wiping it down with a soft disinfecting cloth such as Sani-Cloth, or DEFEND Plus Disinfecting wipes. Do not ever soak the Helios Rotary Pen in disinfectants as this may damage the internal parts.

Always cover the Helios Rotary Pen and all wires with a protective sleeve.

Always dispose of the needle cartridges in a sharps container. The cartridges contain needles which can puncture the skin. Make sure to handle them properly to avoid injury. Never handle the cartridges from the back of shaft as it may accidentally expose the needles.



3. Operation

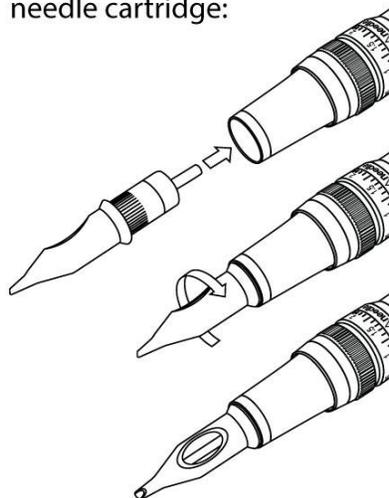
The Helios Rotary Pen is designed to work with any power supply that will accept a standard jack or mini-jack connection. A jack adaptor is included in the box of your Helios Rotary Pen. For best results, we recommend using a Critical brand power supply. The Helios Rotary Pen operates at 5 - 10v DC. **DO NOT** operate it with more than 10v - 10.5v DC, you will run the risk of burning out the motor.

4. Cartridges

The Helios Rotary Pen is compatible with **most** brands of needle cartridge. We highly recommend using the Helios Rotary Pen with Helios Needle Cartridges for best results.

With the machine switched off, insert a cartridge into the Helios Rotary pen by pushing the cartridge into the pen and then twisting it clockwise, to lock the cartridge into place. Once you carefully make sure the cartridge is locked into its proper position, you may begin the tattoo procedure.

How to properly insert the
needle cartridge:

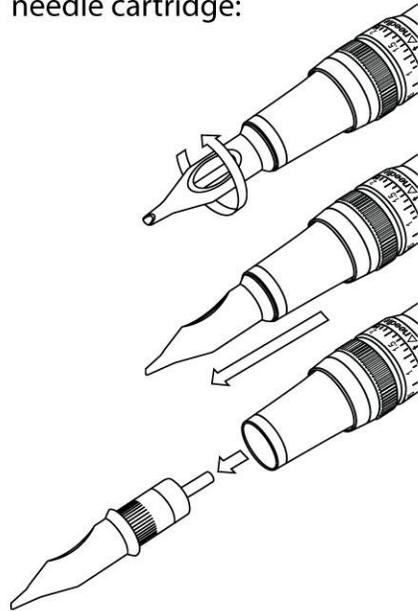




The Helios Rotary Pen has a 0 - 2.5mm stepless adjust. This means you are in complete control of the needle depth. You can use this machine as a liner or a shader, but keep in mind this is considered a short-stroke machine. Simply turn the needle adjustment dial on the lower portion of the machine shaft until you have reached the desired needle depth for your intended application. The desired needle depth may vary depending on certain factors, such as style of tattooing, or skin type of the client.

When finished tattooing, remove the cartridge by turning it counter-clockwise, and properly disposing it in a sharps container. Please make sure the machine is switched off before removing the cartridge.

How to properly remove the
needle cartridge:



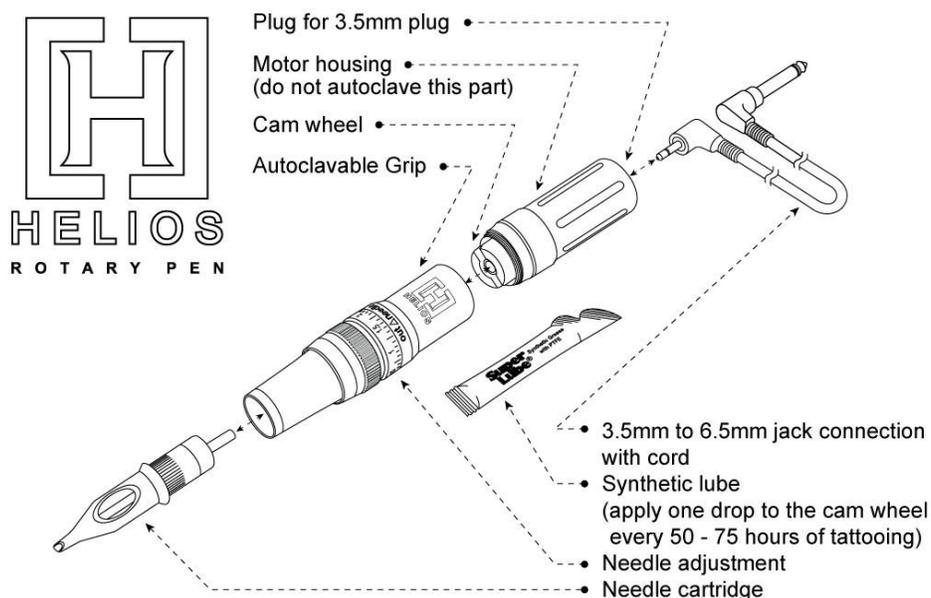


5. Maintenance and Sterilization

The Helios Rotary Pen consists of four main components. The cartridge, which is purchased separately, pre-sterilized and individually packaged, the handpiece, the motor (contained in the upper portion of the handpiece), and the connecting wire. All of the components, with the exception of the cartridge, which are intended for single-use, **MUST** be cleaned and disinfected both before and after each individual use.

The handpiece and the connecting wire must be wiped down with a soft disinfecting cloth such as Sani-Cloth, or DEFEND Plus Disinfecting wipes before and after each use. All components of the machine must be covered with a protective covering or sleeve during use to reduce the risk of infection.

The handpiece of the Helios Rotary Pen is made up of two parts. By holding both the upper and lower portion of the machine, and twisting counter-clockwise, the handpiece may be unscrewed, revealing the two portions of the handpiece. The lower portion may be autoclaved for sterilization. Please be advised that the aluminum body has been anodized. Over time, if you continue to autoclave this portion of your machine, it **MAY** cause the color to begin to fade. This is completely normal and is **NOT** covered under the warranty.





7. Warranty

The Helios Rotary Pen has a one year manufacturer warranty from date of purchase, which covers any and all parts, provided the machine has not been misused, and the guidelines for use and care outlined in the user manual have been properly followed. If the machine was purchased through an authorized Helios distributor, a receipt or invoice must be provided for proof that your machine is still within the warranty period. If deemed to be within the warranty period, and all guidelines for proper care and use as outlined in the user manual have been followed, a replacement machine will be sent.

8. Technical Parameters

Type:	Helios Rotary Pen
Operating Voltage:	5 - 10v DC
Power Input:	3 W
Stitch Frequency:	70 - 160 HZ
Stroke:	0 - 2.5mm Stepless Adjust
Connection:	3.5mm jack and 6.5mm jack plug
Weight:	3.17 oz