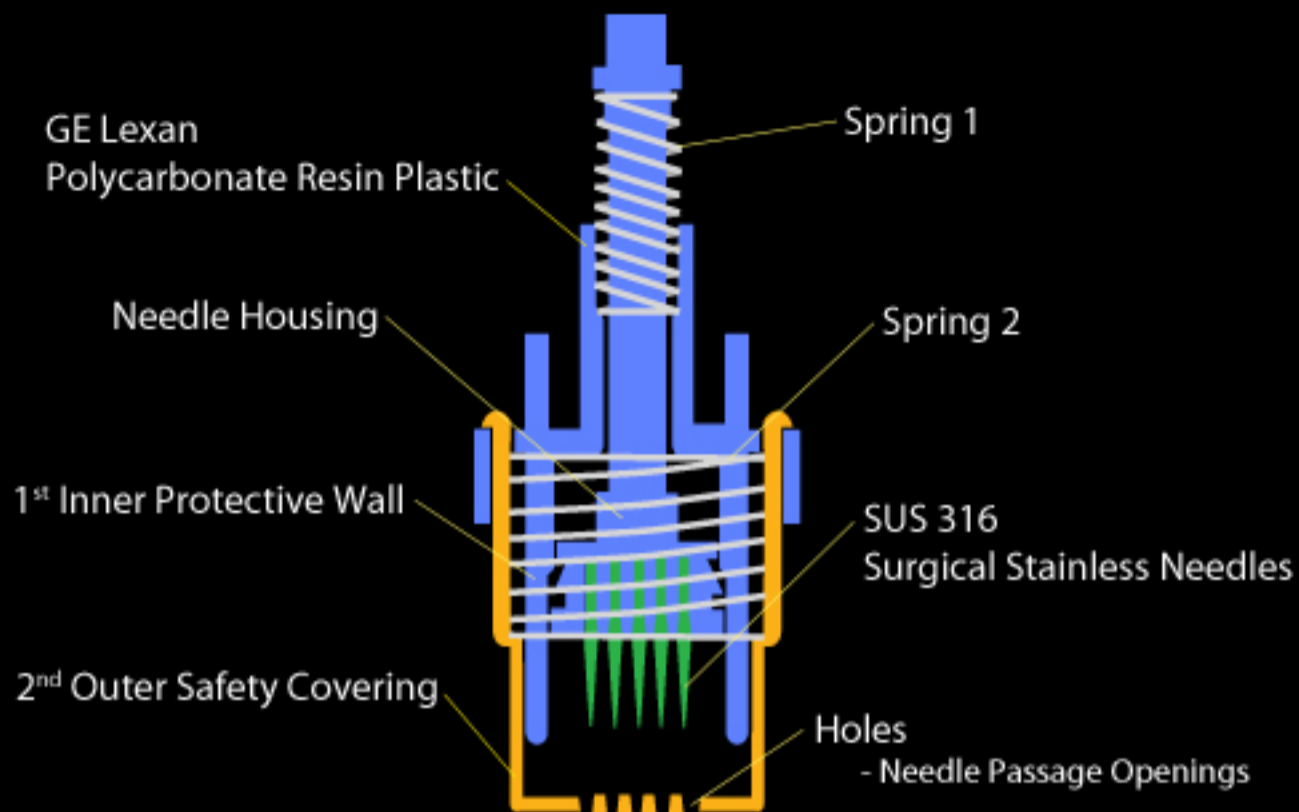


# INTRODUCING INNO*Tip*<sup>TM</sup>

Double Protective Tip System



At the heart of INNOPen<sup>TM</sup> is its revolutionary, patented disposable needle cartridge called INNOTip<sup>TM</sup>. Distinctively engineered by Clinical Resolution Lab, Inc., INNOTip<sup>TM</sup> delivers safest method of treatment with innovative technology that eliminates the negative risks inherent in all automated microneedling pens or devices with open tip needle cartridges. INNOTip<sup>TM</sup> is a precision apparatus designed with **Double Protective Tip System** that consists of an inner protective wall and the outer safety covering made of sterile, medical grade GE lexan polycarbonate resin. These protective layers allow 0% tolerance for error; requiring perfect centering, precise spacing and meticulous uniformity in vertical lining of the needles.

The first 'inner' protective wall is built-in tightly around the needle housing that holds thirteen SUS 316 surgical stainless needles. It serves to prevent the needle housing from shaking and becoming off-centered due to flux of vibration caused by the device's motor exerting power during the stamping motion. Common attribute of the needle housing found in all single-walled needle cartridge is that it is loosely suspended in between the wall. Hence lacking the support to hold it firmly to prevent from shaking or vibrating as the needles pierce through the skin layers in fast stamping motion. Consequently, it leads to slanted needle insertion which induces micro-tearing of skin's inner layers and epidermal scratching.

The second 'outer' safety covering is unlike any of the open tip needle cartridges available in the market today. It is completely enclosed with only the thirteen passage-openings. All needles must pass through these tiny holes before they perforate the skin. The outer tip is designed to detect any deformity and/or misalignment of the needles. If the needle is bent or out of position, it will lock up and the INNOTip<sup>TM</sup> stops operating. This ensures accurate 90° vertical needle penetration with every stamping motion but more importantly, patient safety.

Enclosed outer safety tip also enables even distribution of pressure applied to the needling area. The enclosed cover keeps the skin taut and even-leveled during the treatment to allow consistent accuracy in needle penetration depth. In comparison, the open needle tip causes the skin to 'bulge up' as it presses downward onto the skin. As a result, the needles are inserted at an uneven height. Open needle tip forces the user to manually manipulate the hand pressure applied to the device during the procedure which can lead to considerable variance between the desired depth versus the actual depth of penetration.

The Dual-Spring System is another unique feature of INNOTip™ that allows the user to have full control over the needle motion. In contrast to competitor's device where the only way to stop the needle insertion is by completely shutting off the device, INNOTip™ offers On/Off control right at the tip. No need to push any buttons or twist anything, simply release the hand pressure applied to INNOTip™ and the skin needling stops immediately. To turn on, gently press down and the needle will resume its stamping action. The ability to control needle movement throughout the course of treatment eradicates potential risks associated with common disposable tips. On the contrary, the erroneous practice of dragging the open tip while the needles are still in motion results in epidermal scratching. Micro tearing of the skin's inner layers is a direct consequence of jerking when the device is pulled whilst the needles are still inserted in the skin.

Epidermal scratching and micro tearing of skin contribute to many post treatment complications and/or side effects such as hyperpigmentation, excessive inflammatory response, skin irritation and discomfort. Such conditions down grade the overall enjoyment and depreciate the integrity of microneedling treatment.

In essence INNOTip™ offers effortless perfection that truly surpasses all limits by taking the microneedling technology to another dimension.

## **INNOTip™ PROTECTION**

- Patented Needle Cartridge
- Superior USA Made Quality
- Enclosed Needle Tip Design
- Truly Accurate Penetration Depth Control
- Even Distribution of Pressure
- Double Wall Clearance Assurance
  - \* Perfect Centering
  - \* Precise Spacing
  - \* Vertical Line Uniformity
- On/Off Needle Motion Control at the INNOTip™
- No Micro Tearing of Skin
- No Epidermal Scratching
- No Cross Contamination
- All Medical Grade Components
  - \* GE Lexan Polycarbonate Resin Plastic
  - \* SUS 316 Surgical Stainless Steel Needles