



Product Catalog 2025

Pressure Activated Safety Lancets & Lancing Device

Introduction

Welcome to Green Earth Healthcare (PTY) Ltd., where we are dedicated to revolutionizing the field of medical devices with our cutting-edge **Pressure Activated Safety Lancets, Twist Lancets** and **Lancing Devices**. This catalog presents the innovative features and patented technology that define our products, ensuring the highest standards of safety, pain reduction, and user-friendliness. Each product is rigorously tested and protected by international patents, reflecting our commitment to excellence and the well-being of our users. Explore the next generation of medical solutions with Green Earth Healthcare.



USFDA Approved

FDA regulations state that safety lancets are:

“A disposable blood lancet intended for a single use that is comprised of a single-use blade attached to a solid, non-reusable base (including an integral sharps injury prevention feature) that is used to puncture the skin to obtain a drop of blood for diagnostic purposes. The integral sharps injury prevention feature allows the device to be used once and then renders it inoperable and incapable of further use.” ([fda.gov](https://www.fda.gov))



Our Safety Lancets

Our **Pressure Activated** Safety Lancets are sterile, **single-use** devices designed to collect capillary blood samples for various tests. At Green Earth Healthcare, we take pride in offering safety lancets that are approved with USFDA regulations, featuring a mechanism that disintegrates after use, ensuring they cannot be reloaded. This sets us apart from competitors whose safety lancets can sometimes be reused, compromising patient safety.

Universal Compatibility

Our Twist Lancets are universal and can be used with different pen devices. However, they are designed to not rotate unless used in our specifically designed Pen Devices, this will allow the Twist Lancet to rotate, providing an added layer of safety and **less pain** for the patient.



OEM Manufacturing

All products from Green Earth Healthcare can be manufactured under your own brand, known as OEM (Original Equipment Manufacturer) manufacturing. This flexibility allows you to offer high-quality medical devices under your brand name.



Products

- Pressure Activated Safety Lancet



- Twist Lancet



- Lancing Device





Safety Lancet

18, 21, 23, 26, 28, 30
Gauge



Safety Lancet



Pressure Activated Mechanism

- Competitors' Lancets often require a button press, which can lead to accidental activation. Our Pressure-Activated Safety Lancets activate only when pressed against the skin, reducing the risk of accidental use.

Wastage

- Competitors' Lancets may have higher wastage if the button is pressed incorrectly. Our Pressure-Activated Safety Lancets minimize wastage by ensuring activation only occurs with proper pressure and positioning.

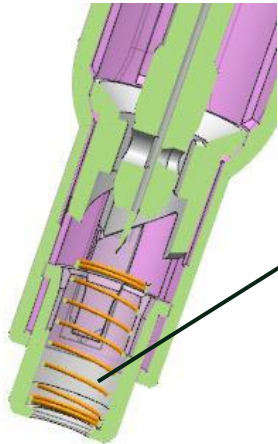


Safety Lancet



Innovative **Dual-Action Mechanism** featuring a retractable needle tip and patented rotating ring.

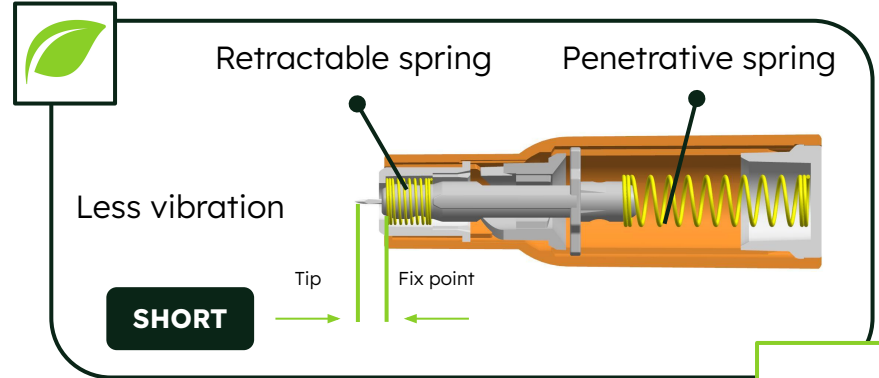
- Ensures pain free process for patient comfort
- Stabilizes lancet during penetration
- Minimal discomfort, pain, and vibration
- 100% single use



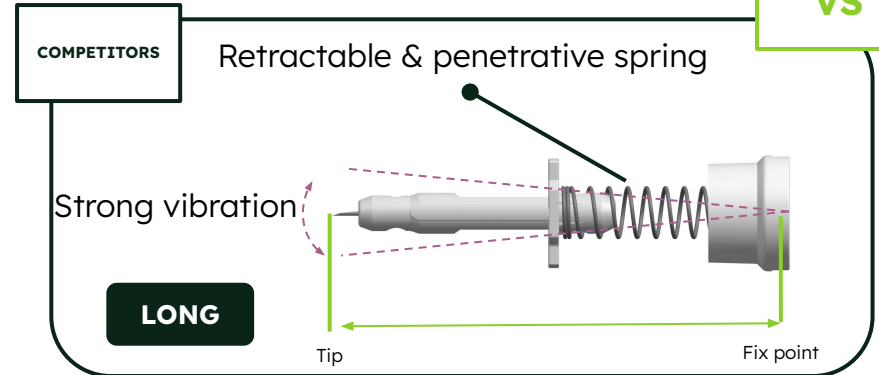
SAFER

Retractable needle tip
Less vibrations

LESS PAIN



VS

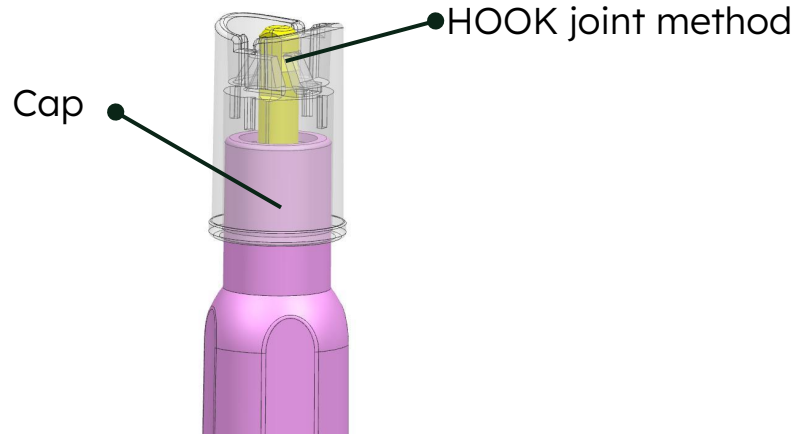


Safety Lancet



Integrated Protective Cap

- Accommodates both **single-hand** and **two-handed** operations for user-friendly, accessible removal
- Prevents damage during transportation



Two-handed

Single-handed

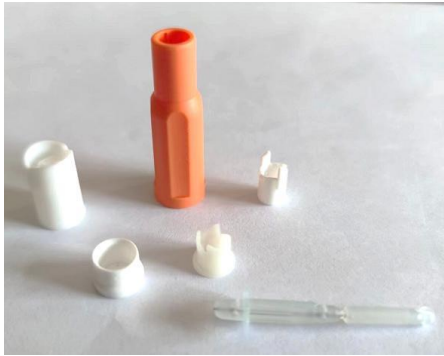


Safety Lancet

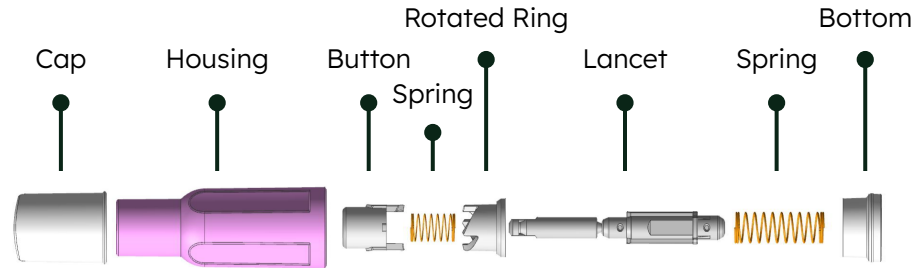
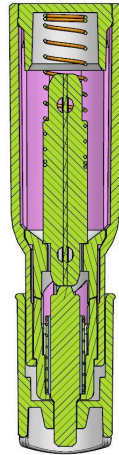


Simple Assembly Process

- Utilizes minimal but robust parts to enhance durability and simplify usage
- Reduces potential defects, ensuring a reliable and high-quality product
- Simplicity promotes easy handling and maintenance, ideal for fast-paced medical environments



Simple & strong parts



Safety Lancet



Superior Sterilization & Shelf Life

- Sterilized by irradiation, ensuring the highest level of hygiene and safety
- 5 year shelf life
- Expiry date can be added to each product at the bottom of the lancet, no other competitor can offer this.



Safety Lancet



Colour	Type	Gauge	Depth	Blood Reference	Package
Pink	Superlite	30G	1.8mm		100 pcs/box
Orange	Lite	28G	1.8mm		
Purple	Universal	26G	1.8mm		
Yellow	Professional	23G	2.0mm		
Light Green	Hi Flow	21G	2.2mm		
Green	Hi Flow	18G	2.2mm		





Twist Lancet

21, 23, 26, 28, 30, 33
Gauge

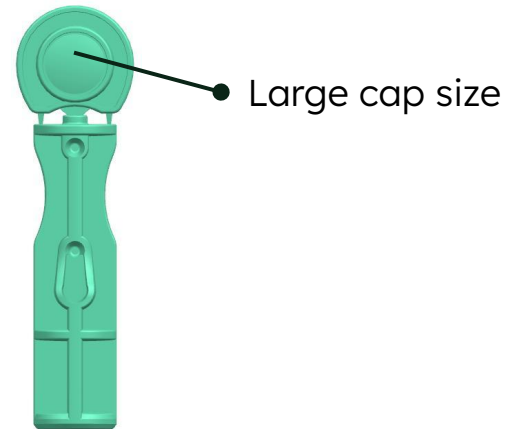
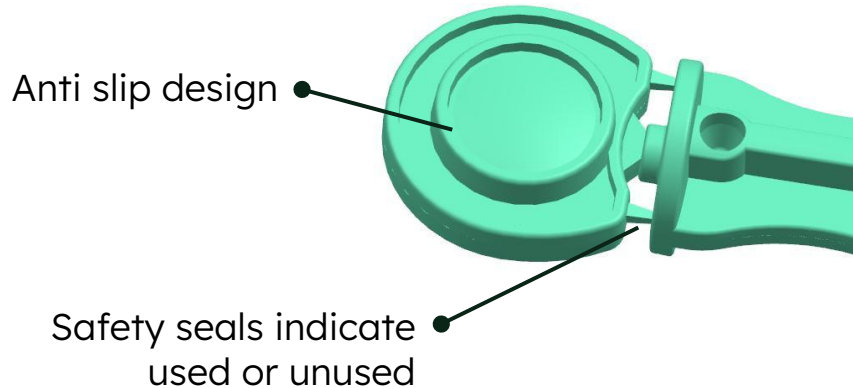


Twist Lancet



Safety Seals & Anti-slip Design

- Provides excellent grip and control to keep the lancet secure during use, reducing risk of errors and enhancing user safety and patient comfort
- Ergonomic design minimizes fatigue and strain for healthcare professionals during extended use
- Safety seals facilitate easy removal of the lancet cap while clearly indicating whether the lancet has been used - vital for maintaining sterility and preventing reuse



Twist Lancet



Dual Rings Design

- Dual-ring design ensures a tighter fit with the lancet holder, minimizing any wobble or misalignment, enhancing the concentricity and accuracy of blood sampling for a pain free and precise process
- Unlike competitors, who often use a cross-shaped design (as depicted in Diagram B and colored in blue), our dual-ring system, with Ultra fine tri-bevel tip provides superior stability and precision

Diagram A (Green Earth Healthcare)

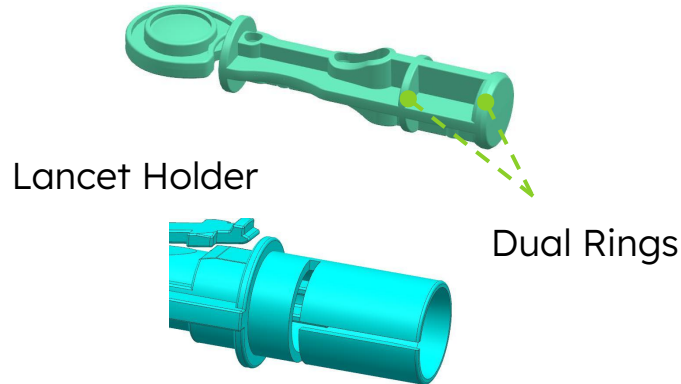
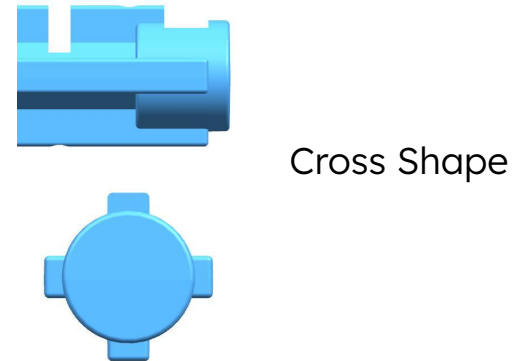


Diagram B (Competitors)



Twist Lancet



Superior Sterilization & Shelf Life

- Sterilized by irradiation, ensuring the highest level of hygiene and safety
- 5 year shelf life

Lancing Device Compatibility

- Designed for Green Earth Healthcare **Lancing Device** (page 19)
- When used with Lancing Device, the Twist Lancet rotates for less pain for the patient
- Compatible with the majority of industry lancing devices



Twist Lancet



Colour	Gauge	Blood Reference	Package
Yellow	33G		100pcs/box
Purple	30G		200boxes/CTN
Light Green	28G		
Sky Blue	26G		
Ivory	23G		
Green	21G		





Lancing Device

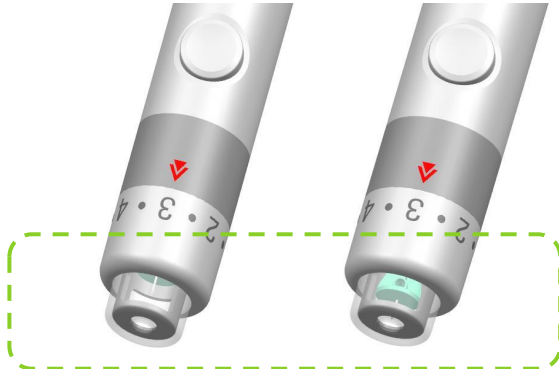


Lancing Device

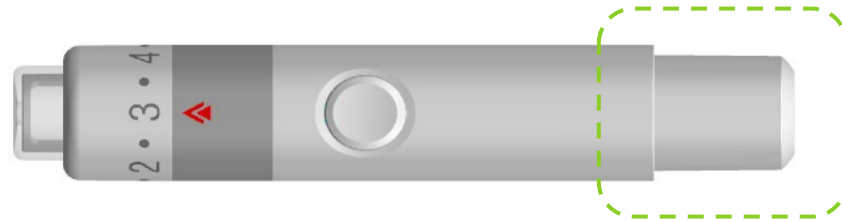
- Patent design on forward spring ensures pain free experience for patient
- 2 in 1 button that allows lancet ejection

Visual Readiness Window

- Clear window indicates the user if a lancet is loaded and/or ready for use, providing immediate visual confirmation of the device's status to enhance user confidence, safety, and convenience



Visual Readiness Window



2 in 1 Ejection Button



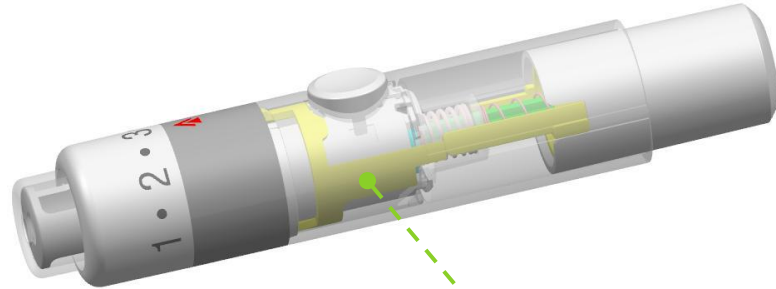
Lancing Device

Seamless Cap Adjustment

- Gap-free design facilitates easy cleaning, enhancing device hygiene and maintenance
- Safely retracts the needle after use, minimizing the risk of accidental injuries
- Needle retraction is disabled when the pen cap is closed, ensuring user safety
- Patent design ensures if the cap does not twist off, the lancet can not be ejected



Gap-Free



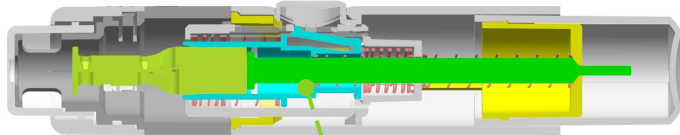
Can Not Eject if
Cap Does Not
Twist Off



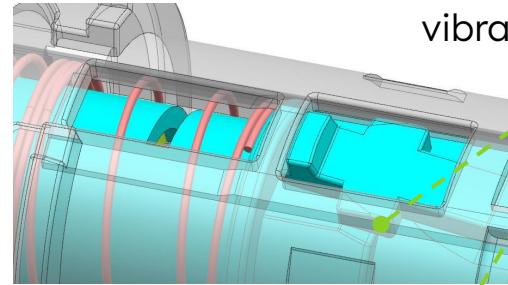
Lancing Device

Elastic Rail & Forward Spring Design

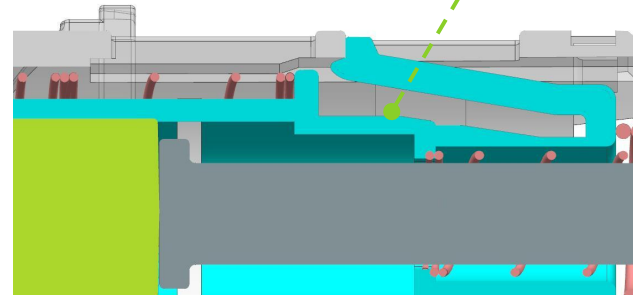
- Meticulously crafted to reduce vibration and elevate comfort during use



Independent lance holder ensures smooth penetration & less pain



Elastic Rail ensures less vibration & less pain

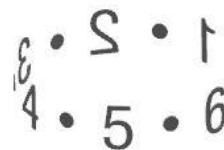


Lancing Device

Depth Settings

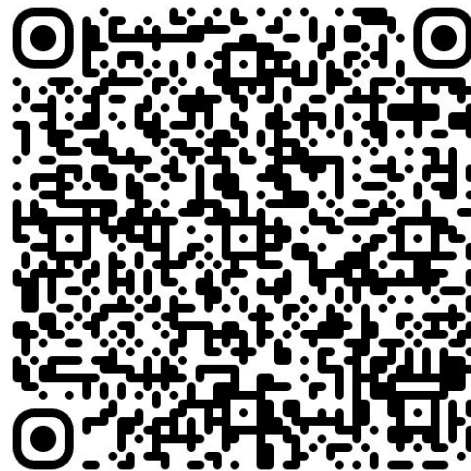
- Offers 11 depth settings, ranging from 0.7mm to 2.2mm, providing users with versatility and control over their experience

Depth Setting	1	•	2	•	3	•	4	•	5	•	6
Depth (mm)	0.7	0.85	1	1.15	1.3	1.45	1.6	1.75	1.9	2.05	2.2
Angle	0	27	54	81	108	135	162	189	216	243	270



Video Resource Guide

- Safety Lancets are designed for single use only. Our guide shows how competitor lancets can be reset and reused.
- We provide Instructions for Use (IFU) for our products.
- The Green Earth Healthcare Video Resource Guide includes brief descriptions of each video and image in the Dropbox, with numbered descriptions matching the video or image number.
- View the resource guide [here](#) or in the QR code below.





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