



Pelikan Sun Frequently Asked Questions (FAQ)

1. What is different about the Pelikan Sun?

There are two types of lancing devices: mechanical devices, which all use a spring-loaded mechanism to punch the lancet through the skin, and the Pelikan Sun electronic lancing device, which uses electronic technology to control the lancing process. The Pelikan Sun's electronic technology provides two significant benefits over traditional mechanical lancing devices: significant reduction in pain and quick healing of the lanced site. The Sun's smooth, precise lancing creates a clean, narrow sample channel and encourages spontaneous blood flow, while ensuring rapid closure and healing of the site. Unlike mechanical devices, the Pelikan Sun senses finger presence at the lance opening and lances to a user-selected depth with a smooth and controlled stop. It enables the lancet to reach the capillary loops without penetrating nerve endings and without generating pressure waves, two key factors in eliminating pain.

2. Why is the Pelikan Sun much bigger than my lancing pen?

Mechanical devices are very simple, containing basically a spring-loaded lever that punches the lancet through the lancet opening into the finger. The Pelikan Sun contains highly sensitive electronic circuitry that controls software algorithms to deliver a smooth, precise lancing, with a controlled, gentle stop, and slow retraction from the skin. The device also accommodates our revolutionary 50-lancet disk, so that you will never see or touch a lancet again!

3. What is the Comfort Profile and why is it important?

Your fingers are unique, and have different skin and thickness properties. The Comfort Profile provides 30 different levels of depth, speed, and dwell time control, allowing you to customize your lancing experience to each specific finger site. Use the lowest setting that produces a sample to ensure maximum reduction in pain and improved finger health. Experiment with your Pelikan Sun to find the lowest setting for each of your finger sites, and periodically try lower settings as your fingers heal.

4. What is "Finger-Friendly™ Testing"?

Mechanical lancing devices cause immediate and residual pain, bruises, scarring, calluses, and high sensitivity or lack of sensitivity in the fingertips. Over a lifetime of testing, finger health suffers, making it difficult for people with diabetes to enjoy activities which require fine-motor dexterity of the fingers (i.e. sewing, guitar-playing, artistic crafts, etc.) The Pelikan Sun's smooth, precise lancing creates a clean, narrow sample channel and encourages spontaneous blood flow, while ensuring rapid closure and healing of the site. Because the Sun's lancing technology is gentle and precise, people who switch to the Pelikan Sun device will notice that calluses, scars, and bruises heal and fingers feel better. The result: Finger-Friendly Testing!

5. Why can't I reuse lancets?

The Pelikan Sun's revolutionary lancing system eliminates the risk of infection from reuse of lancets. Lancet reuse also causes greater pain and compromises proper wound healing, since lancets quickly dull. To achieve finger-friendly testing, the Pelikan Sun provides a fresh, sterile lancet for every test, and stores lancets in a 50-lancet disk, ensuring you'll never see or touch lancets again.