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DUOSAFE™

TWO TECHNOLOGIES ONE PEACE OF MIND.

Comfort Engineering.
Safety by Design.



TrueCushion™
TECHNOLOGY

TrueLock™
TECHNOLOGY

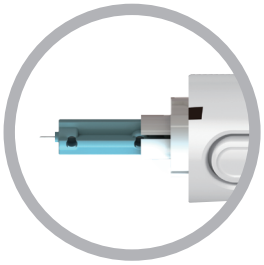




DUOSAFE Lancing Device (LD-E1)

Controlled depth. Stable delivery. Safer handling.

TrueCushion™ INSIDE | TrueLock™ INSIDE





Big Window
Clearly shows the six depth settings.

Safety Switch
Prevents accidental activation when the cap is open.

Quieter & Less Pain
Reduces vibration and noise for a comfortable experience.

Ergonomic Design
Smooth surface for comfortable finger placement.

Big Button
Easy to operate for users.

High-quality Surface
Smooth surface, comfortable grip, and easy to clean.

One-Handed Lancet Ejection
Safely eject the used lancet with one hand.

Six depth settings

A clear viewing window makes settings easy to identify and adjust for different sampling needs.

TrueCushion - Guided needle path

Guide rails and a staged spring system support accurate, stable lancet travel.

TrueLock - Cap-Lock to Fire

The cap must be closed and locked before the device can be armed.

TrueLock - Locked Until Fired

If armed but not yet fired, the cap can't be opened — no accidental access to the needle.

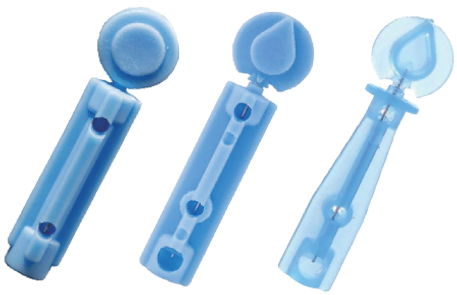
TrueLock - One-handed ejection

After removing the cap, slide the ejector forward to release the lancet without touching the needle.

Standard Twist Lancets

Reliable performance, every time.

- Tri-bevel needle tip supports consistent blood sampling.
- Gamma sterilized with a five-year shelf life.
- Compatible with most standard lancing devices.



DUOSAFE Safety Lancet (MSL1)

Comfort in use. Safety through disposal.

TrueCushion™ INSIDE | TrueLock™ INSIDE



TrueCushion - 3D pressure relief

The contoured contact surface conforms to the sampling site and distributes contact pressure.

TrueLock - Dual-stage locking

The mechanism remains locked until the safety tab is removed.

Six specifications

Available from 18G to 30G for a range of blood sampling needs.

TrueLock - Automatic retraction

After activation, the needle retracts automatically and remains permanently concealed.

DUOSAFE Safety Lancet Specifications

Model No.	Color	Needle Diameter	Blood Volume
MSL1-30G	Green	30G (0.31mm)	1
MSL1-28G	Orange	28G (0.36mm)	2
MSL1-26G	Pink	26G (0.45mm)	3
MSL1-23G	Blue	23G (0.64mm)	4
MSL1-21G	Purple	21G (0.81mm)	5
MSL1-18G	Yellow	18G (1.20mm)	5

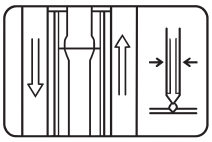
THE DUOSAFE DIFFERENCE

Comfort engineering. Safety by design.

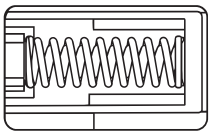
TrueCushion and TrueLock are the shared technologies behind the DuoSafe family. Each product applies them differently to support the same goal: a more controlled blood sampling experience.

TrueCushion™

• DUOSAFE Lancing Device
• DUOSAFE Safety Lancet



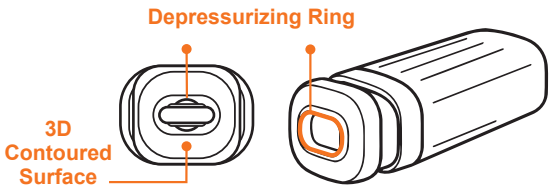
1 Multiple guide rails support a stable, vertical path.



2 A staged spring system controls actuation force to help reduce vibration and sound at puncture.

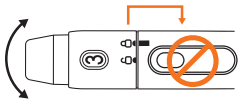
• DUOSAFE Safety Lancet

A 3D contoured contact surface distributes pressure around the sampling site for a steadier fit.



TrueLock™

• DUOSAFE Lancing Device



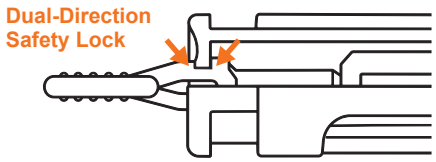
1 The cap-release safety mechanism helps prevent accidental firing.



2 One-handed ejection removes the lancet without touching the needle.

• DUOSAFE Safety Lancet

Dual-stage locking helps prevent firing before the device is ready. After use, the needle retracts automatically and remains concealed.



PATENTED ENGINEERING

- **DUOSAFE Lancing Device LD-E1**
  Safety switch and one-handed lancet ejection mechanisms. Patent coverage in Taiwan, the United States, China and Korea.
- **DUOSAFE Safety Lancet MSL1**
  Pain-reduction structure and method for a single-use safety lancet. Taiwan invention patent I749984.

QUALITY AND REGULATORY

- **ISO 13485 quality management system**
- **FDA 510(k) clearances** - LD-E1 K231797 MSL1 K241750
- **TFDA medical device licensing** - Refer to the applicable product labeling and current certificates.

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