

# rossmax Instructions for the LD-E1 Lancing Device

## Special Features

- Intended Use: The lancing device is intended for use by a single person with the lancet puncturing through the skin for collecting blood sample.
- Safety Switch design: when the depth adjustable cap is open, the trigger will be relieved automatically which prevents users from being pricked if you are not intended to start the test. You can eject the used disposable lancet on one hand operation by pushing the plunger with your thumb at this status. (Please refer to the figure of step 9.)
- When the cap is close, it will lock the lancet eject function and prevent the lancet from being removed when you are intended to start the test.
- Stable and sophisticated structure design ensures this lancing device create nearly no vibration, so that the pricking with the lancet becomes steady and no pain feeling. It lowers the psychological pressure of users very much and let people recover the test frequencies which recommended by HCPs.
- A stylish, slim and ergonomic design is very convenient and user friendly for people to get adapt to it even for the use of the first time.
- Clear indication for depth penetration (numeric display): easy to read and adjust for users.

## Cautions

- Be careful not to be pricked by the lancet whenever the depth adjustable cap is open with lancet loaded.
- The lancing device is intended for single user. To avoid exposure to contaminants, do not use the lancing device on multiple users.
- For safety and to prevent cross-contamination, always discard used disposable lancets in an appropriate puncture-proof or biohazard container.
- Except follow the user's instructions, please do not disassemble the lancing device under any condition.
- The lancing device contains some small parts which could result in choking hazard for children. Please store it properly and keep away from young children.
- When the cap is close and the lancing device is loaded, the safety switch will lock the cap. Please press the release button before opening the cap.

## Instructions for use

Please clean your hand with soap and warm water; dry them thoroughly. Warming your hands will help in obtaining a blood sample. Follow the steps below. Each step corresponds to the number illustrations.

### 1. Fingertip

1. Hold the depth adjustable cap in one hand and hold hub in the other hand, twist off the depth adjustable cap.
2. Insert a new disposable lancet firmly into the lancet holder.
3. Twist off and set aside the protective cover of the disposable lancet.
4. Replace the depth adjustable cap.
5. Select a depth of penetration by rotating the top portion of the depth adjustable cap until the number matched to the window. Settings are based on skin type. "1,2" are for soft or thin skin. "3,4" are for average skin. "5,6" are for thick or calloused skin.
6. Hold the hub in one hand and pull on the plunger in the other hand. The device will be cocked. Release the plunger; it will go back to its original position near the hub.
7. Place the lancing device against the soft side into fingertip, press the release button the better puncture sites are on the middle or ring fingers.
8. Pull off the depth adjustable cap. Stick the lancet tip into the protective cover without touching the used disposable lancet.
9. Hold the hub with one hand and push the plunger by thumb to eject the used disposable lancet.
10. Discard the disposable lancet into a proper puncture-proof or biohazard container.
11. Replace the depth adjustable cap after finishing the test.

### 2. Palm or forearm for alternative site test (Optional)

- (1) Choose clear cap and follow step 1 to step 4.
- (2) Massage the puncture area of palm or forearm for few seconds.
- (3) Immediately after massaging the puncture area, press and hold the lancing device with the clear cap.
- (4) Press the release button.
- (5) Keep holding the lancing device against palm or forearm and gradually raise the pressure for a few seconds until the blood sample is sufficient.
- (6) Follow step 8-10 to discard the used disposable lancet.

## Cleaning

Use a clean damp cloth to wipe the outside of the lancing device. To avoid rusting the internal spring, do not submerge the device in water or wash the device in the water. Before using the lancing device, please use disinfectants to clean front cap of lancing device which contacts the skin directly to avoid bacterial, viral infection or repeated cross-infection.

## Warranty

- Medifun warrants that your lancing device is free from defects for five years from the date of purchase. Any defects in materials or caused by workmanship will get repaired or get a new replaced on of this device free of charge.
- This warranty does not apply to the condition that the lancing device has been misused, tampered or abused in any way. This warranty will provide you legal rights under law.
- If there is any severe incident in relation to the device, it should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

Ergonomic design enable the comfortable press on finger and lower the psychological stress before activate it.

Big window to show the penetration depth with numeric display which is easy for the user to read.

Big release button, comfortable and easy to operate.

Patented feature of lancet ejection by one thumb pushing with only one hand operation.

Patented safety switch design: when the cap is close, it allows only load but lock the function of lancet ejection. When cap is open, it allows lancet ejection but release the trigger automatically to prevent accidental pricking.

