

# M118-1 “Musclemate”2



SAKAMOTO MODEL  
CORPORATION

## User's Manual (151218)

- Introduction/Table of Contents 1
- Purpose/Content 2
- Precautions concerning handling 3
- Usage 4
- Storage method 5

<b>!</b> <b>Note</b>	Please open your parcel and check the main unit and accessories of the product immediately upon receipt. If the products are delivered damaged or with parts missing, please contact our company or the distributor.
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株式会社坂本モデル



## Introduction

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Thank you for purchasing our product, “Musclemate”<sup>2</sup>.

Read this user’s manual carefully in order to use the product for a long time appropriately.

This product is closely checked before factory shipment. However, when this product arrives, open it soon, and check if anything on the main unit and accessories are missing or broken.

## Table of contents

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Introduction／Table of Contents.....	1
Purpose／Content.....	2
Precautions concerning handling.....	3
Usage.....	4
Storage method.....	5

## **Purpose**

Training can be performed for the following items:

1. Upper limb intramuscular injection
2. Subcutaneous injection

## **Content**

1. Main unit
2. Drainage bag
3. Wearable belt
4. Battery cells (two AA alkali cells)



## **Precautions concerning handling**

1. When training in injection using this product, use a fresh needle tip. Otherwise, the epidermis might be degraded.
2. Use water (tap water) only for training. Do not use any fluids other than water.
3. To perform training using this product, the users must be in pairs.
4. When the model gets dirty, wipe off the dirt using a soft cloth with a neutral detergent.  
\* Do not use benzine, thinners, or polishing powders.
5. Pay sufficient attention to handling the product because it is fragile.
6. The vicinity of this product's battery box supports training in subcutaneous injection only. Use the area only for training in subcutaneous injection.
7. If anything strange is detected when this model is being used, stop using it and notify the dealer or us as soon as possible.
8. This product is a simulator for users to perform advanced training. Nonetheless, it does not guarantee that a similar effect can be obtained by actual treatment.
9. Note in advance that this product is subject to change without notice to improve it.

## Usage

1. Set the battery cells in the body.
  2. Turn on the main unit.
  3. Put the Velcro belt on the upper limb.
  4. Put the main unit on the buddy so that his/her acromion is aligned with it.
  5. Be sure to use water (tap water) if injecting a fluid.
  6. Perform training.
  7. It is judged by the embedded lamp and buzzer whether intramuscular injection has succeeded or not.
    - If training was performed in a proper position including depth, the green lamp will light up.
    - If the injected site was not appropriate, the red lamp will flash, and the buzzer will sound.
    - If that position was correct but the needle was inserted too deep, both the red and green lamps will flash, and the buzzer will sound.
- \* The LED lamp lights up as if floating up beyond the skin.

## Storage method

1. Do not store the model anywhere that is exposed to direct sunlight or is hot and humid.
2. Most of the injected water is drained soon.  
Since the product has a structure maintaining air flow, remaining water drops soon dry by themselves.
3. Be sure to take out the battery cells before storing the product.  
Note that the battery cells might corrode and cause a faulty power feed if not removed.



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**SAKAMOTO MODEL**  
C O R P O R A T I O N

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