



# **Leaf Area Meter Operation Instructions**

**SISCO-LAM-YMJ**

## Leaf area measurement instruction

### 1、 product introduction

Living Leaf area measurement instruction is easy to use and can work in the field of portable. It can measure leaf area and related parameters accurately, rapidly, Widely used in agriculture, meteorology, the forestry departments.

### 2、 The packing list

name	quantity
host	one
software (card reader)	one
data line	one
instruction book	one
certificate of conformity	one
batteries	one

### 3、 Technical parameters

(1) measuring parameters: leaf area, width, length

(2) units:  $\text{cm}^2$

(3) resolution:  $1 \text{ mm}^2$

(4) measurement error: plus or minus 2%

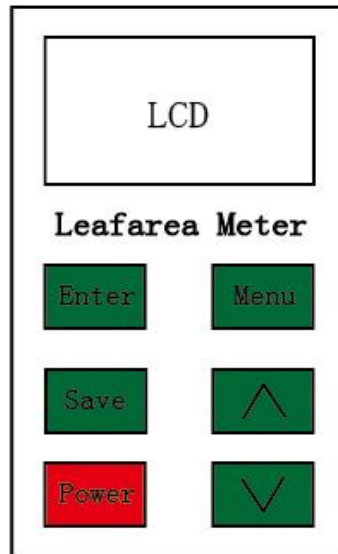
(5) the width of the range:  $0 \sim 155 \text{ mm}$

(6) length range:  $0 \sim 1000 \text{ mm}$

(7) data record: 1000 sets

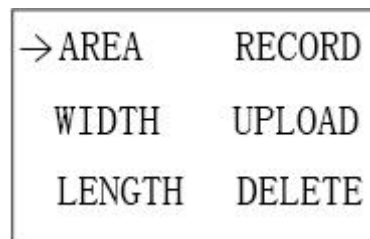
### 4、 Instructions

#### 1) 、 Buttons



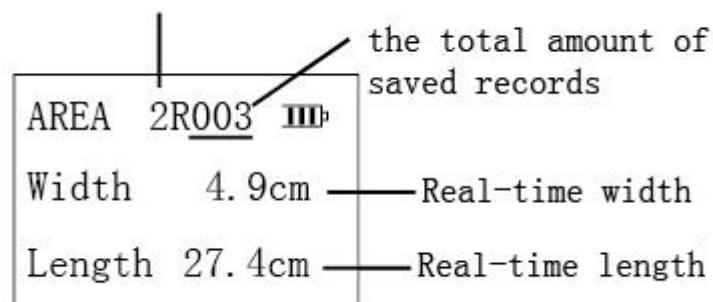
2) 、 **Switch machine:** press the "Power" button.

3) 、 **Function selection:** press the "Menu" button to select the fuction, press "Enter" button for the corresponding operation. Function as follows:



4) 、 **Measuring leaf area:** press the "Menu" key, select "AREA" function, press "Enter" button and enter the ready state, the LCD display:

measuring the number of times



Clip blade into the measuring instrument, put blade under the compressive bar. the initial position can't block measurement window, Rope fixed to the petiole.

“Width” show the change of the width, “Length” mean the length, if the initial length is not zero, can press the “^” button to reset. Then pull the leaves slowly with the rope, and finally press the “V” key display measurement results:

RESULT 2R003 III
Area: 144.93cm <sup>2</sup>
Avg: 141.58cm <sup>2</sup>

“Area 144.93” means the current measured value of the blade.

“Avg 141.58” means the average area of the same leaves.

**!Attention:** cannot be released instantly after pull the rope, should slowly recovery, otherwise it will damage the rope.

5) 、 **Records:** press the "Enter" key, select the "RECORD". Press the "Enter" key, the LCD will display, then you can press "V" and "^" button to browse other records. You can select “DELETE” to delete these record. But this function will remove all records from the memory.

6) 、 **Display back-light:** press "save" button display back-light. Press "save" again to let back-light disappear.

## 5、Data communication:

1) Copy, after the software in the card reader, correctly connect the communication line and run the communication software of the computer; set the string slogan correctly according to the serial port.

(Note: Here, you must first install the driver, and then connect the communication line before opening the communication software, so that the software can automatically detect the serial port used.)

2). Press the "Open" key on the computer software, select the "Read record" function, and import the data to the computer.

## 6、the matters needing attention:

1) When batteries' electric quantity is low, please change them in time, please take out the batteries when not in use for a long time.

2) please timely records important measurement data, the instrument cannot guarantee long-term storage data.

3) pay attention to preventing the instrument from the water.

4) prevent instrument casting.