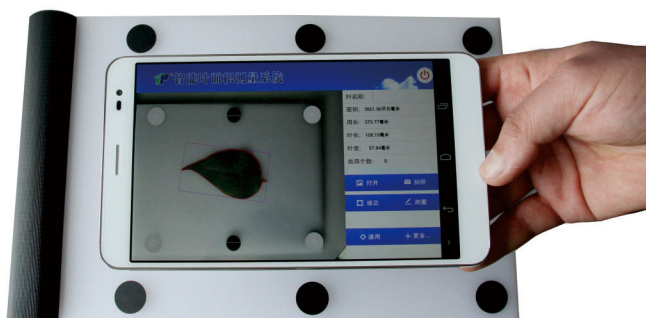


# PLANT PHYSIOLOGY INSTRUMENT

## Digital Leaf Area Meter

Model: YMJ-C

The system of intelligent leaf area meter consists of a backlight apparatus and a tablet computer embedded application software (android). The APP is synthesis software; it adopts advanced image processing technology, and through the principles of leaves shapes drawing, space transformation and edge detection, and morphology as well. The instrument is used for measuring leaf area and other values.



### ● App Features

- ▲ Android system, easy and quick to handle with intelligent, humanized and can be upgraded applied functions
- ▲ 7inchs full-color touch-screen, 8 million pixels. After taking photo, the software will count and display the value automatically.
- ▲ Powerful storage functions with 16G SD Card.
- ▲ View the data with report and Excel format.
- ▲ Manual fixed the leaf shape to ensure a high accuracy counting.
- ▲ Three algorithms optional: general, dark color and light color. After taking photo, choose the suitable algorithm according the leaf's color.
- ▲ After taking photo, the software could count and display leaf area, perimeter, length, width, quantity of worm holes automatically.

### ● Tablet Computer Parameters

System: Android4.2.2 above  
Size: 7inch full-color touch-screen  
Rear camera: 800million  
Resolution: 1920\*1200

Storage: 16G  
Network interface: Wi-Fi / 4G  
Power supply: DC5V2A  
Supply scope: DC5~12V  
Backlight device area: 30000mm<sup>2</sup>

## Portable Plant Culm-Strength Meter

Model: YYD-1A/YYD-1B



two different fixtures for measuring the strength of different crops