

Fruit Sugar Meter (IR Brix Meter)

NY2000

Features

- Non-destructive testing
- The results are fast, accurate and intuitive;
- Perfectly fits the surface of the fruit, effectively avoiding measurement errors caused by external light interference;
- Lightweight and portable, battery powered, available anytime and anywhere;
- No need for scrubbing and calibration, simple maintenance and low cost;

Application

- Fruit and vegetable cultivation
- Quality rating
- Implantation Research School Management
- Fruit transportation and logistics center
- life assistant



Description

NY2000 is a portable fruit non-destructive sugar meter designed by Optosky based on near-infrared spectroscopy technology. It directly detects fruit sugar content by picking, cutting meat and consuming juice.

NY2000 is very suitable for sugar content monitoring throughout the fruit planting process. It does not damage the appearance of the fruit. It tracks and monitors the sugar content (Brix value) changes during the fruit growth process. It is suitable for fruit research and development, fruit and vegetable planting, maturity monitoring, picking period control, warehousing and transportation, fruit and vegetable series, and price. Grading, etc. provide testing data support and analysis, portable design, environmentally friendly use, and fast measurement. It is one of the necessary testing instruments for orchard growers, fruit testing institutions, fruit chains, and fruit quality control departments.

Name	Model
Portable Apple non-destructive sugar meter	NY2000-1(Apple)
Portable pear non-destructive sugar meter	NY2000-2(pear)
Portable peach non-destructive sugar meter	NY2000-3(peach)
Portable tomato non-destructive sugar meter	NY2000-4(tomato)
Portable mango non-destructive sugar meter	NY2000-5(mango)
Portable strawberry non-destructive sugar meter	NY2000-6(Strawberry)
Portable grape non-destructive sugar meter	NY2000-7(grape)

1. Parameter

Model	NY2000
Measurement scale	Brix
Measuring fruit	Apple
Screen	2 inches (determined based on appearance)
Measuring range	10.0% to 18.0%
Resolution	0.1%
Measurement accuracy	±1% * Accuracy varies depending on apple variety and measurement environment.
Repeatability	±0.5%
Automatic temperature compensation range	5.0 to 35.0°C *Allow the apple to adapt to its ambient temperature before testing
Data transmission	Bluetooth (used later with mini programs)
Power supply	2 × AAA batteries, life span is not less than 4000 times
International protection level	IP64
Size and weight	61(W)×44(D)×115(H)mm, 120g (weight excluding parts)

2. measurement method



Hold the device and press its sensor against the fruit. Pull the trigger and it will start taking measurements.