

DESCRIPTION:

YW-682-A is a digital display high-precision optical instruments designed using the principle of refraction, which can be used to measure the sugar content of liquids, such as fruits and beverages.

The YW-682-A is designed with a protective cover. When measuring in a strong light environment, covering the protective cover can greatly reduce light interference. In addition, when measuring volatile solutions, covering the protective cover can avoid measurement errors caused by excessive volatilization of the solution.

The YW-682-A has a temperature compensation function, which can reduce the influence of temperature changes on the measurement results. The instrument also has waterproof protection function, and can be directly washed with a small water flow. This series of instruments is compact and easy to carry.



YW-682-A

FEATURES:

- One screen with two displays
- Waterproof design
- Large capacity battery, long standby time
- Auto temperature compensation
- Zero calibration
- Timed automatic shutdown
- USB charging
- With cover design, anti-glare interference

APPLICATION:

- Sugar making
- Drinks
- Food processing
- Laboratory

PRECAUTIONS:

- Please operate the instrument correctly and use or store the instrument under the conditions specified in the technical data sheet.
- It is forbidden to scratch the measuring groove and optical prism with hard objects, so as to avoid measurement errors.
- When not in use for a long time, please fully charge and place the instrument in a dry, dust-free and non-corrosive environment.
- When measuring high and low temperature solutions, wait about 20 seconds to allow the prism to conduct heat sufficiently to reduce measurement errors.
- The USB charging voltage should not exceed the DC6V limit.
- The instrument can be flushed with a small flow of water, but it is forbidden to immerse the instrument in water.

WARNING:

- It is forbidden to disassemble without permission!
- Strictly prevent strong electricity and electrostatic shock!

TECHNICAL PARAMETER:

Model	YW-682-A
Measuring range	Brix: 0~55% Environment temperature: 10~40℃
Precision	±0.5%Brix
Resolution	Brix: 0.1%; Environment temperature: 1℃
Temperature compensation	10~40℃
Power supply	Built-in lithium battery
Protection degree	IP43
Dimensions	119*55*31mm
Shell material	ABS
Weight	About 100g