

FREEZING POINT OSMOMETER

Description

The freezing point osmometer BS-FPO-2000 is in accordance with Raoul freezing point theory, based on the solution freezing point declined value proportional to the solution molar concentration, using high sensitivity of temperature-sensing element, to measure the freezing point of different solutions, so as to derive the osmotic pressure molar concentration.



Standard Features

1. It has the functions of electronic signature and user classification management, to satisfy CFR PART21 store data query according to time which can store 3 years of testing data.
2. It can carry on single-point or multi-point linear calibration, to ensure that the instrument has the detection accuracy of each range interval in stability.
3. Temperature probe adopts the screw linear guide motor design, so that the operation just on a touch screen can complete the whole test process.
4. It adopts double refrigeration system, with a short pre-cooling time, fast detection speed, to facilitate continuous detection.
5. It can simultaneously display the osmotic pressure molar concentration value, the freezing point value and the molar concentration ratio.
6. The cooling system adopts the a thermal transfer fluid design, to exempt from frequent maintenance.
7. Built-in "Chinese pharmacopoeia" hundreds of injectable drug name can facilitate the preset information of test sample.

Applications

- Hospitals
- Laboratories
- Pharma
- Clean Room
- Healthcare
- Biotech and Microbial related area.

Also in :-

- Dairy,
- Pest Control,
- Food Processing,
- Hatcheries

Technical Specification

Model	BS-FPO-2000
Measurement Range	0 ~ 2000 mOsmol
Sample Amount	100µl
Testing Duration	≤3min
Pre-Cooling Time	≤3min
Measurement Error	≤1%
Repeatability	≤1%
Linearity	≤1%
Print	Built-in printer
Audit Trail	Optional
Environment Temperature	0 ~ 30°C Recommended for 15 ~ 25°C
Relatively Humidity	≤60%
Power Supply	220V,50/60Hz (Standard); 110V, 60Hz (Optional)
External Size(W*D*H)	225*275*345mm
Packed Size(W*D*H)	420*545*580m
Net weight	12kg
Gross weight	25kg

Dealer Details



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