turbidimeter, portable turbidimeter

Model: **APEX-JCX580**

Standard:

Introduce: **APEX-JCX580 scattered light turbidity meter is used to measure suspended in water or transparent liquid insoluble particulate matter generated by the ...**

Detailed product information

APEX-JCX580 Portable Turbidimeter

I. turbidimeter,portable turbidimeter overview

Turbidity is commonly used food lab equipment.APEX-JCX580 scattered light turbidity meter is used to measure suspended in water or transparent liquid insoluble particulate matter generated by the degree of scattering , and can permit a quantitative standard these suspended particulate matter content . Turbidity measurements can be widely used in power plants, pure water plant , water plant sewage treatment plants, beverage plants, environmental protection departments , industrial water , wine industry and the pharmaceutical industry , epidemic prevention departments , hospitals and other departments.

Second, the turbidimeter,portable turbidimeter technical indicators

1, the measurement principle : 90 ° scattered light

2 , measuring range : 0 ~ 200NTU

3 , Min : 0.1NTU

4 , the basic error : ± 2.5% F.S

5 , Repeatability : ≤ 1% F.S

6 , zero drift : ± 1% F.S

7 , the power fluctuation : ± 0.5% F.S

8 Power : DC 7.5V (节5 1.5V battery 5)

9 , the ambient temperature : Use 5 ~ 35 ℃, storage -20 ~ 55 ℃

10 , relative humidity : ≤ 80% RH

Third, turbidimeter,portable turbidimeter pay attention

Turbidity is commonly usedfood lab equipment.APEX-JCX530 photoelectric scattered light turbidity meter is a combination of precision measurement instruments,

Should be read carefully before operating instructions and obtain accurate results through proper operation before .

1, the use of the environment must meet the conditions of work .

2, measuring tanks must be clean and dry for a long time , no dust, must be covered with shading cover when not in use.

3 , humid climates , must be extended boot time .

4 , the test solution should be carefully poured along the specimen bottle , to prevent bubbles, affect measurement accuracy.

5 , after the replacement or repair sample bottle to be re- calibrated .

6 , non-professional maintenance engineers, do not open the instrument for repair.

Fourth, the working conditions

Turbidity is commonly used food lab equipment.

1 , ambient temperature 5 ~ 35 ℃;

2, relative humidity less than 80% ;

3 , the power supply voltage 220V ± 22V Frequency 50 ± 0.5Hz, and has a good grounding .

4 , the instrument should be placed on a stable test bench , effectively avoid direct sunlight ;

5 , around the instrument should be sufficient space to facilitate heat dissipation , and no strong vibration source and a strong magnetic field interference ;

6 , ambient air should be no significant dust and corrosive gases exist.

Fifth, turbidimeter,portable turbidimeter measurement preparation

1, open the instrument 's power switch , preheat 30 minutes ;

2, with a soft cloth to wipe the hair does not fall water stains and fingerprints on the specimen bottle , available as easy to wipe soaked in detergent and then rinse with water ;

3 , ready for school petty 100NTU Formazine zero turbidity turbidity standard solution of water and prepared for calibration ;

4, with a cleaning container having a good representative sample collection ;

Sixth, measurement procedures

1, the zero turbidity of water into the sample bottle to the mark , then screw on the cap and wipe the water stains and fingerprints on the bottle , but should be careful not to take a direct hand when you start to put the bottle in order to avoid leaving on fingerprints, affect measurement accuracy.

2, will be packed zero turbidity water sample bottle into the sample holder and ensure that the sample bottle should be aligned tick white specimen holder positioning line , and then covered with shading cover.

3 , wait a reading of zero adjustment knob stable, the display is zero.

4, using the same method 100NTU standard solution for calibration of the device and into the sample holder , adjust calibration button , the display is a standard value of 100 .

5 Repeat 2,3,4 steps to ensure accurate and reliable zero and correction .

6 , the sample into the sample bottle , and so you can kind of remember the water turbidity readings are stable .