



Acid and Alkali Concentration Meter

Model: SJG-2083C



The instrument is composed of the main body and Acid and Alkali concentration sensor. The sensitive Acid and Alkali concentration sensor is adopted for sensor system. Besides, the system can automatically compensate temperature and measure the data reliably and correctly.

The instrument has one Acid and Alkali concentration input channel and one temperature input channel. When the automatic temperature compensation is unnecessary, it can automatically set the temperature compensation; when the automatic temperature compensation is necessary, the sample temperature will be measured by a built-in Pt1000 temperature sensor.

Technical Parameters

Show: 128×64 lattice LCD, displayed in English;

Measurement range: HNO_3 (0~25.00)%;

H_2SO_4 (0~25.00)%;

HCL (0~20.00)%\ (25~40.00)%;

NaOH(0~15.00)%\ 25~40.00)%;

H_2SO_4 (92~100.00)%;

KOH(0~30.00)%;

NaCL(0~20.00)%;

Accuracy: ±2%F.S;

Resolution: 0.01%;

Repeatability: <1%;

Temperature sensors: Pt1000;

Temperature of water sample: 0~180C

Ambient temperature: (5~45) °C;

Ambient humidity: ≤90%RH (without condensation);

Storage and transportation temperatures: (-25~55) °C;

Power supply: AC(85~265) V Frequency (45~65)Hz;

Power: ≤15W;

Overall dimension: 145 mm×120 mm×150 mm;

Hole size: 138 mm×138 mm;

Data output: (0~10) mA, (0~20) mA, (4~20) mA (optional), 485 output;

Alarm relay: 2 normally open contacts are optional, AC220V 3A /DC30V 3A;

Protection level: IP65;

Power-down save: >10 years;

Instrument installation mode: Hole-type/wall type/rack-mounting type;

sensor installation mode: Flow type/submerged/flanged (special installation mode, designed by negotiation).