Industrial Silicate Meter

Model:GSGG-5089

GSGG-5089 Industrial Online Silicate meter, is an instrument can finish automatically chemical reaction, optical detection, graphic display, control output, and data storage capabilities, high-precision online automatic instrumentation; It adopts a unique air mixing and photoelectric detection technology, it has a high chemical reaction speed and high measurement accuracy superior characteristics;it has a color LCD display, with rich colors, text, charts and curves, etc., to display the measurement results, system information and a full English menu operation interface; humanized design concept and high-tech fully integrated, highlights the advantages of the instrument and product competitiveness.

Technical Features

1. Low detection limit, very suitable for power plant water feed, saturated steam and superheated steam silicon content detection and control;

2. Long life light source, using cold monochrome light source;

3. Historical curve recording function, can store 30 days of data;

4. Automatic calibration function, period arbitrarily set;

5. Support multi-channel measurements in water samples, optional 1-6 channels;

6. Achieve a maintenance-free, except adding reagents, guide standards.

Technical Parameters

1. Measuring range: 0~20ug/L, 0~100ug/L, 0-2000ug/L

2. Accuracy: ± 1% F.S

3. Repeatability: ± 1% F.S

4. Stability: Drift ≤ ± 1% F.S / 24hours

5. Response time: the initial response is 12 minutes

6. Sampling period: about 10 minutes / Channel

7. Watery conditions: Flow:> 100 ml / min

Temperature: 10 ~ 45 ℃

Pressure: 10 kPa ~ 100 kPa

8.Environmental conditions: Temperature: 5 ~ 45 ℃, Humidity: <85% RH

9. Reagent consumption: Three kinds reagents, about 3 liters / month for each kind.

10.Current output: 4 ~ 20mA arbitrarily set within this range, multi-channel meter, channel independent output

11. Alarm output: normally open relay contacts 220V/1A

12. Power supply: AC220V ± 10% 50HZ

13. Power consumption: ≈ 50W

14. Dimensions: 720mm (height) × 460mm (width) × 300mm (depth)

15. Hole size: 665mm × 405mm