



SC6000BGA Blue-Green Algae Monitor

Instrument Features:

- Large LCD screen with color liquid crystal display
- Smart Menu Operations
- Data Recording & Curve Display
- Manual or automatic temperature compensation
- Three relay-controlled switches
- Upper limit, lower limit, hysteresis control
- 4-20 mA & RS485: Multiple output options
- The same interface displays input values, temperature, current values, etc.
- A password can be set to prevent unauthorized personnel from making accidental operations.

technical parameter :

(1) Measurement range (based on the sensor's range):

Concentration: 100–300,000 cells/mL

temperature : -10 ~ 150.0°C;

(2) Resolution:

Concentration: 1 cells/mL;

temperature : 0.1°C;

(3) Basic Error:

Concentration: $\pm 5-10\%$ (depending on the sensor range);

temperature : $\pm 0.3^\circ\text{C}$;

(4) Dual-channel current output:

0.4–20 mA (load resistance $<750 \Omega$);

20–4 mA (load resistance $<750 \Omega$);

(5) Communication output: RS485 MODBUS RTU;

(6) Three sets of relay control contacts:

5A 250VAC, 5A 30VDC;

(7) Power supply (optional):

85–265 VAC $\pm 10\%$, 50 ± 1 Hz, power ≤ 3 W;

9–36 VDC, power: ≤ 3 W;

(8) External dimensions: 144×144×118 mm;

(9) Installation methods: panel-type, wall-mounted type, pipe-type;

Panel opening dimensions: 137 × 137 mm;

(10) Protection rating: IP65;

(11) Instrument weight: 0.8 kg;

(12) Instrument operating environment:

Environmental temperature: -10 to 60°C;

Relative humidity: no more than 90%;

There are no strong magnetic field disturbances around it other than the Earth's magnetic field.