- Three groups of relay control switches Upper limit, lower limit, hysteresis quantity control
- Multiple output methods including 4-20mA and RS485
- Display of ion concentration, temperature, current, etc. on the same interface
- Password setting for protection against unauthorized operation by non-staff members

T6015 Ammonia Nitrogen Monitor

The industrial online ammonia nitrogen monitor is an online water quality monitoring and control instrument with a microprocessor. This instrument is equipped with various types of ion electrodes and is widely used in power plants, petrochemicals, metallurgy electronics, mining, papermaking, biological fermentation engineering, medicine, food and beverage, environmental protection water treatment, etc. It continuously monitors and controls the ion concentration values of water solutions.

Instrument features:

- Large LCD color LCD display
- Intelligent menu operation
- Data recording & curve display
- Multiple automatic calibration functions
- Differential signal measurement mode, stable and reliable
- Manual and automatic temperature compensation

technical specification

（1）Measurement range (based on electrode range):

Ion concentration: 0.02 - 18000 mg/L (solution pH value: 4 - 10 pH);

Temperature: -10 - 150.0℃;

(2) Resolution:

Concentration: 0.01/0.1/1 mg/L;

Temperature: 0.1℃;

(3) Basic error:

Concentration: ±5 - 10% (based on electrode range);

Temperature: ±0.3℃;

(4) 2-channel current output:

0/4 - 20 mA (load resistance < 750Ω);

20 - 4 mA (load resistance < 750Ω);

(5) Communication output: RS485 MODBUS RTU;

(6) Three groups of relay control contacts:

5A 250VAC, 5A 30VDC;

(7) Power supply (optional):

85 - 265VAC ± 10%, 50 ± 1Hz, power ≤ 3W;

9 - 36VDC, power: ≤ 3W;

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

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

Panel opening size: 137 × 137 mm;

(10) Protection level: IP65;

(11) Instrument weight: 0.8 kg;

(12) Instrument working environment:

Environmental temperature: -10 - 60℃;

Relative humidity: no more than 90%;

No strong magnetic field interference except for the Earth's magnetic field.