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## ION5000 Online Ion Analyzer



Online Ion meter is a microprocessor-based water quality online monitoring control instrument. The instrument is widely used in industrial waste water, surface water, drinking water, sea water, and industrial process control ions on-line automatic testing and analysis, etc. Continuously monitor and control ion concentration and temperature of aqueous solution.

- 90\*50 mm Large color LCD display
- Data Recording /Curve display/Data upload function
- Multiple automatic calibration
- Double high resistance measurement mode, stable and reliable
- Manual and automatic temperature compensation
- Three relay control switches
- High & low alarm and hysteresis control
- 4-20mA x2 & RS485 Multiple output modes
- Multi parameter display simultaneously shows
- Password protection to prevent misoperation by non-staff

Measurement range	0~99999mg/L(ppm)
Measurement Principle	Ion electrode method
Resolution	0.01 ;0.1;1 mg/L(ppm)
Basic error	±2.5%
Temperature	-10~150°C
Temperature Resolution	0.1°C
Temperature Basic error	±0.3°C
Current outputs	Two 4~20mA, 20~4mA, 0~20mA
Signal output	RS485 MODBUS RTU
Other functions	Data record & Curve display
Three relay control contacts	5A 250VAC, 5A 30VDC
Optional power supply	85~265VAC, 9~36VDC, power consumption ≤3W
Working conditions	No strong magnetic field interference around except the geomagnetic field.
Working temperature	-10~60°C
Relative humidity	≤90%
Waterproof rating	IP65
Weight	0.8kg
Dimensions (W*H*D)	144×144×118mm
Installation opening size	138×138mm
Installation methods	Panel & wall mounted or pipeline

	3/4工业外壳	PG13.5上盖 工业
Fluoride ( F <sup>-</sup> )	CS6710F	CS6510F
Chloride ( Cl <sup>-</sup> )	CS6710Cl	CS6510Cl
Iodide ( I <sup>-</sup> )	CS6710I	CS6510I
Ammonium ( (NH <sub>4</sub> ) <sup>+</sup> )	CS6710NH4	CS6510NH4
Ammonia ( NH <sub>3</sub> )	CS6712NH3	CS6512NH3
Nitrogen Oxide ( NO <sub>x</sub> )	CS6712NO2	CS6512NO2
Carbon Dioxide ( CO <sub>2</sub> )	CS6712CO2	CS6512CO2
Nitrate ( NO <sub>3</sub> <sup>-</sup> )	CS6710NO3	CS6510NO3
Nitrite ( NO <sub>2</sub> <sup>-</sup> )	CS6710NO2	CS6510NO2
Phosphate ( PO <sub>4</sub> <sup>3-</sup> )	CS6710PO4	CS6510PO4
Potassium ( K <sup>+</sup> )	CS6710K	CS6510K
Magnesium ( Mg <sup>2+</sup> )	CS6710Mg	CS6510Mg
Calcium ( Ca <sup>2+</sup> )	CS6710Ca	CS6510Ca
Water Hardness	CS6710WHD	CS6510WHD
Iron ( Fe <sup>3+</sup> )	CS6710Fe	CS6510Fe

