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ION5500 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	1.0kg
Dimensions (W*H*D)	235×185×120mm
Installation methods	Wall Mounting

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

