



## SS5000 Online Suspended Solids Analyzer

Water supply plant (sedimentation tank), paper mill (pulp concentration), coal washing plant (sedimentation tank), electric power (slurry sedimentation tank), sewage treatment plant (inlet and outlet, aeration tank, reflux sludge, primary sedimentation tank, secondary sedimentation tank, concentration tank, sludge dewatering).

- 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
Measurement unit	mg/L
Resolution	0.01; 0.1; 1
Basic error	± 1%F.S
Temperature	-10 ~ 150.0°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

Concentration	Low	Middle
Sensor Model No.	CS7840D	CS7850D CS7851D
Measurement range	0.1-200mg/L	2 ~ 500mg/L 2 ~ 5000mg/L
Principle	90°scattering	Infrared light 90°
Light source	850nm	850nm
Housing material	SS316L,POM	SS316L,POM
Thread		G3/4"
Cable length	5m	10m
Connection	terminal	terminal
Dimensions	400*300*170mm	220* φ 50nm
Weight	About 5.5KGS	1.2KG
Installation	Wall-mounted	Immersed
Flow Tank size	220*150*80mm	
Flow Tank Installation	Wall-mounted	
Flow Tank weight	About 1.0KGS	



High	High	Middle-High
Sensor Model No.	CS7860D	CS7862D CS7863D
Measurement range	10-50000mg/L	10-50000mg/L, double beam with self-cleaning function
Infrared light	180° 850nm	180° 850nm 180° 850nm
Housing material	SS316L,POM	SS316L,POM SS316L,POM
Thread	G3/4"	G3/4" G3/4"
Cable length	10m	10m 10m
Connection	terminal	terminal terminal
Dimensions	220* 50nm	220* 50nm 220* 50nm
Weight	1.2KG	1.2KG 1.2KG
Installation	Immersed	Immersed Immersed

