

SS/Turbidity

03 TSS-700W-H

SS/Turbidity Monitor

Transmitted Light Method, Cell Length 20mm



Attach and detach of Detector and Maintenance is easy



Automatic wiper cleaning system



Measuring Diagram



Measurement of SS density and turbidity by switching Selective measurement



Correlation between SS and turbidity, with calculation system of $y=a+bx$
Possible to set correlation factor between manually obtained SS and turbidity of sample water by operating \blacktriangle \blacktriangledown keys.

Converter

Product name	SS/Turbidity monitor
Model	TSS-700W-H
Display	LCD 4 digits
Range	Turbidity:0~1000 degrees(FTU or mg/l) SS:0~1000mg/l(Converted SS value)
Resolution	1 degree(100~1000), 0.1 degree(99.9 degrees or less)
Repeatability	Within $\pm 2\%$ (F.S.)
Transmission output	DC 4-20mA(insulated type) 3 ranges manually selected 0~1000/0~500/0~100 degree(or mg/l)
Alarm contact	Low & High, each a point of contact(Non-voltage)
SS Conversion function	Conversion factor can be set($y=a+bx$)(x =turbidity, y =SS)
Power-supply voltage	AC85-240V 50/60Hz
Material	Polycarbonate, (with surface metallic silver coated)
Outer dimensions	244×196×105mm(With hood), Weight:About 2.5kg

Detector

Principle	Near infrared transmitted light measurement method
Model	A:TSSD-20W(With wiper) B:TSSD-20(Without wiper)
Cleaning	Automatic wiper cleaning system Cleaning cycle:once an hour(possible to set 30min~12hrs) Cleaning frequency:once(possible to set 1~5 times)
Material	Detector:SUS-316, quartz, FKM
Standard component	A: Flow type system①(Standard) Main body, Holder(UVD-FLH2), Tank(VU-100), Detector(W/cable 5m) standard Filter B: Flow type system② Main body, Valve, Holder(UVD-FLH2), Detector(W/cable 5m) standard Filter C: Immersive type system Main body, Immersive type holder(UVD-LH), Detector standard Filter
Optional accessories	Turbidity standard solution, 50A Pole stand, Sunshade cover