

Turbidity/Colority

02 TCR-700W

Turbidity & Colority Monitor

(Transmitted Light Method)

Cell Length 60mm, High Sensitive



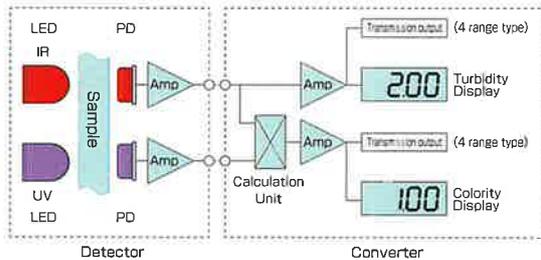
Automatic wiper cleaning system



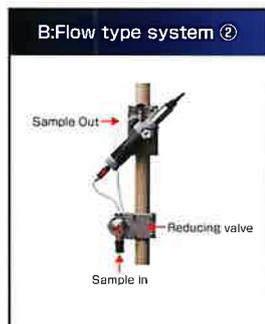
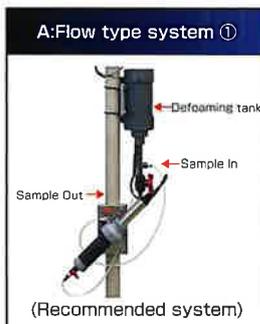
Attach and detach of Detector



Probe type 2-wave length turbidity/colority sensor system



※IR=Infrared rays



Features

- Simultaneous measurement and display of both turbidity and colority
- Minimum display of 0.01→0.1 selective. (at 10 degrees or less)
- Turbidity/Colority 4-range transmission output (DC 4~20mA)

Converter

Model	TCR-700W
Display	Upper:Turbidity (polystyrene turbidity standard) Lower:Colority (Cobalt platinete standard)
Range	Turbidity:0~50 degrees Colority:0~50 degrees
Resolution	0.01 degree:range of 9.99 degrees or less 0.1 degree:range of 10~50 degrees
Repeatability	Within ±0.1 degrees
Turbidity revision	Automatic turbidity correction when measuring colority
Transmission output	Turbidity / Colority DC 4-20mA, (each circuit) 4 ranges manually selected Load resistance 250-500Ω 0~5/0~10/0~20/0~50(Degree)
Alarm contact	Non-voltage a contact(each 1 circuit)
Power-supply voltage	AC85~240V 50/60Hz
Material	Polycarbonate, with surface metallic silver coating

Detector

Principle	2-path 2-wavelength transmitted light measurement method
Model	A:TCRD-60W(With wiper) B:TCRD-60(Without wiper)
System	A:Flow type:Defoaming tank+Flow type holder①+Detector B:Flow type:Flow type holder②+Reducing valve+Detector
Cleaning	Automatic wiper cleaning system Cleaning cycle:once an hour(possible to set 30min~12hrs) Cleaning frequency:once(possible to set 1~5 times) Possible to clean detector manually by removing from holder.
Material	Detector:SUS-316, quartz, FKM
Standard component	A:Flow type system①(Standard) Main body, Holder(TCRD-FLH), Tank, Detector(W/cable 5m) B:Flow type system② Main body, Valve, Holder(TCRD-FLHG), Detector(W/cable 5m)
Optional accessories	Standard solution, 50A Pole stand, Sampling pump, Sunshade cover