

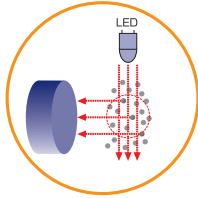
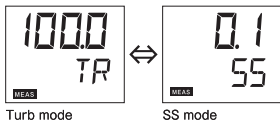
# SS/Turbidity

## 05 TR-700Z

## SS / Turbidity Monitor (90° Scattered light system)



- 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 ▲ ▼ keys.



### ■ Meter

Name of product	Turbidity/SS Monitor
Model	TR-700Z
Display	LCD 4 digits 2 steps (With a back light)
Measuring range	Turbidity : 0~500NTU (Std) SS:0~500mg/ℓ (Converted value) ※ If SS turb. - turbidity relation is not 1:1, SS measuring range differs.
Minimum Resolution	0.1 Degree (at under 100) 1 Degree (at 100~500 degree)
Transmit output	DC 4~20 mA 4 steps range ① 0.0~20.0 (NTU or mg/ℓ) ② 0.0~100.0 (NTU or mg/ℓ) ③ 0.0~200 (NTU or mg/ℓ) ④ 0.0~500 (NTU or mg/ℓ)
SS Conversion	Conversion coefficient $y=a+bx$ (x=turbidity, y=SS) is possible to set
Contact output	High & Low limit each a contact (No voltage)
Hold output	Transmit output and contact output are holded on maintenance
Cleaning function	Cleaning setting function
Power supply	AC 85-240V 50/60Hz

### ■ Detector

Name of product	90° Scattered light SS/Turbidity Detector
Measuring principle	90° Scattered light measuring system
Model	① Standard type TRD-120N ② Immersive type TRD-120HN(Holder : 1~1.5m) ③ Flange type TRD-120HFN ④ Flow type TRD-120FN + TRD-FH
Cable Length	5m standard

## 06 TR-700V

## Turbidity Monitor

### Transmitted Light Method Cell Length 30mm



Measurement of near-infrared transmission light, sensitive Turbidity detector.  
Seldom influenced by outside light and color.



The calibration filter is attached as standard



Throw-in type Detector  
SSD-110N-30



Immersion type Detector  
SSD-110HN-30

### ■ Meter

Name of product	Turbidity Monitor
Model	TR-700V
Display	LCD 4 digits (With a back light)
Measuring unit	Kaolin turbidity unit:mg/ℓ Formazine turbidity unit:FTU Please specify at ordering
Measuring range	0~2000 (FTU or mg/ℓ)
Minimum Resolution	1 FTU or 1mg/ℓ
Transmit output	DC 4~20mA (isolated type) 4 steps range 0~100/0~500/0~1000/0~2000(FTU or mg/ℓ)
Accuracy	Within ±3% (at equivalent input)
Contact output	High & Low limit each a contact (No voltage)
Hold output	Transmit output and contact output are holded on maintenance
Cleaning function	Cleaning setting function
Power supply	AC 85-240V 50/60Hz

### ■ Detector

Name of product	Near-infrared pulse transmission light system turbidity detector
Model	Throw-in type:SSD-110N-30 Immersion type:SSD-110HN-30
Holder length	1~1.5m (SSD-110HN-30 Standard)