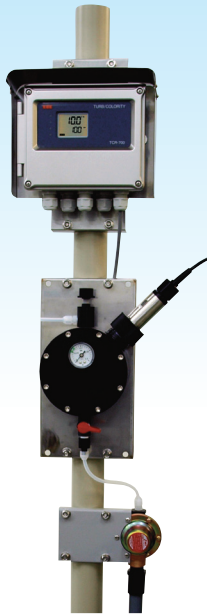


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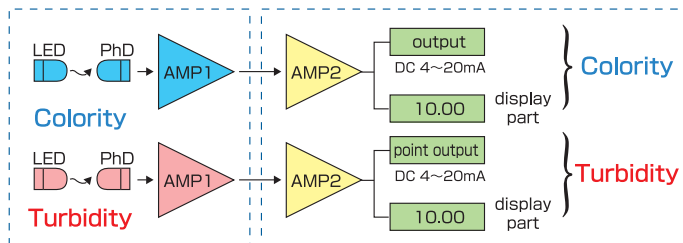
Turbidity & Colority Monitor for Drinking Water

TCR-700

Simultaneous Measurement and display of both Turbidity and Colority



Measuring Diagram



Specifications

Meter

Name of product	Turbidity/Colority Monitor
Model	TCR-700
Measuring principle	Double beam, Transparency light system
Display	LCD 4 digits 2 rows (With a back light)
Measuring range	Turbidity : 0 ~ 50 degree (FTU or mg/ℓ) Colority : 0 ~ 50 degree (Pt cobalt degree)
Minimum Resolution	0.01 Degree (at under 10) 0.1 Degree (at 11 ~ 50 degree)
Accuracy	Within ±0.1 degree (at Full Scale 10 degree)
Transmit output	Turbidity / Colority two lines DC 4 ~ 20mA 4 range (Manual change) 1) 0 ~ 5 2) 0 ~ 10 3) 0 ~ 20 4) 0 ~ 50
Contact output	High limit "a" contact (No voltage)
Hold output	Transmit output and contact output are holded on maintenance
Power supply	AC 85-240V 50/60Hz
Std. component	Meter, Detector, calibration containers, pressure control valve, Flow type holder,

Turbidity / Colority detector

Name of product	Flow type Turbidity/Colority Detector
Model	TCRD-100+TCRD-FL (Detector : TCRD-100 Flow type holder : TCRD-FL)
Cable Length	5 m standard

SS / TURBIDITY

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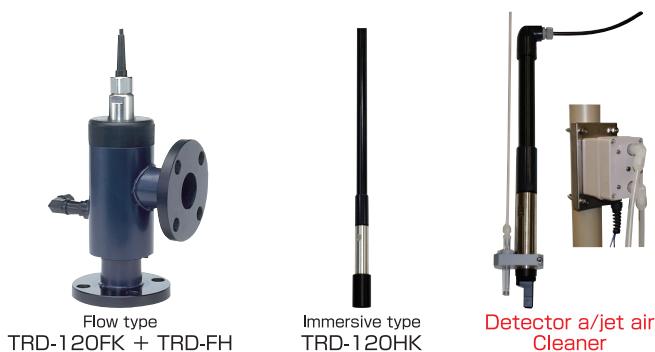
SS / Turbidity Monitor

(90° Scattered light system)

TR-700Z



90° Scattered light Turbidity Detector

Flow type
TRD-120FK + TRD-FHImmersive type
TRD-120HKDetector a/jet air
Cleaner

Specifications

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 3 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 turbidity) is possible to set
Contact output	High limit "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-120K ② Immersive type TRD-120HK ③ Flange type TRD-120HFK ④ Flow type TRD-120FK + TRD-FH
Cable Length	5 m standard