

# Turbidity/Colority

## 26 TCR-502

## Turbidity & Colority Meter

Transmitted Light Method, Cell Length 60mm, High Sensitive



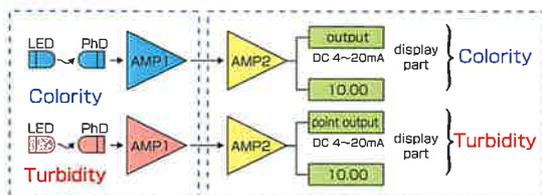
TCRD-100



TCRD-100+TCRD-FL



### Measuring Diagram



Turbidity/Colority Sensor: converter

### Features

- Double beam optical system is adopted and is successful of sensitive colority measurement without influenced by turbidity.
- Minimum display of 0.01→0.1 selective, at 10 degrees or less
- Turb/Colority 4-range transmission output (4~20mA)
- Probe type 2-wave length turbidity/colority sensor.

### Usage

Water purification plant, simplified drinking water system, water tank, industrial water, waste water from the plants, water for food industry.

### Meter

Measuring Method	Double beam, Transparency light System
Measuring Range	Turbidity:0.0~50.0 (degree or FTU) Colority:0.0~50.0 (degree)
Resolution	Select 0.1 / 0.01 degree
Accuracy	Within ±0.3 degree (Full Scale 10 degree) (or Within ±3% Full Scale)
Transmittal Output	Turbidity / Colority two lines DC 4 ~ 20mA (isolated type) Load resistance: 250~500Ω 4 range (Manual change) 1)0~5 2)0~10 3)0~20 4)0~50
Hold output	Transmission output and point output by input of no voltage point signal from outside at maintenance time
Measurement condition	Temperature:Within 0~40℃ Pressure :About 0.1~0.5MPa (at the pressure control valve entrance) Discharge flow: About than 0.05ℓ/min
Power Supply	AC 85 ~ 240V free input 50 /60 Hz
Std. component	Meter, Detector, panel fixer, 2 calibration containers, pressure control valve, In-line type holder, Instruction manual, written guarantee

### Detector

Product name	Turbidity/Colority Detector
Model	TCRD-100+TCRD-FL (Detector : TCRD-100) (Flow Type holder : TCRD-FL)
Measuring Method	Double beam, Transparency light System
Material	PVC,SUS-304,quartz glass,POM
Cable	5m standard