

16 TURBIDITY AND COLORITY SENSOR **TCR-30**

One Single Instrument measures Turbidity & Colority at the Same Time



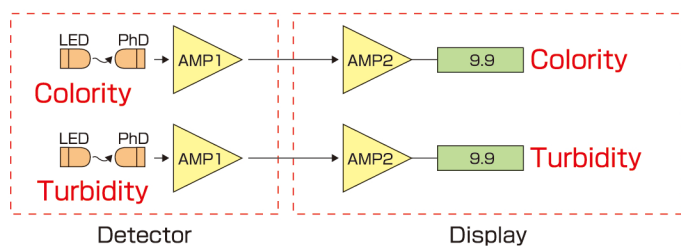
Use the exclusive container at the time of measurement.

Measuring outline

This Sensor unifies Probe Type Detector with The Meter and capable of Measuring Turbidity and Colority within the range of 0~50 degrees at the same time with a Single Unit. Also, in case of less than 10 Degrees, Measurement is possible to shift the Measuring Mode to Min. indication of 0.1 ⇒ 0.01, and indicate Turbidity and Colority ⇒ Measure.

Also, the double-beam Optical Detector is least influenced by Turbidity at Colority Measurement. Portable Type of only 300g, sensitive Turbidity/Colority Sensor, and convenient to use in the field.

Measuring System Drawing



Colority can be measured without influenced by Turbidity

Double-Beam Type Optical Turbidity & Colority Detector

TCR-30 : Measuring Operation

ZERO calibration

Press **CAL** key

Measurement

Press **MEAS** key

Display Turbidity & Colority

After displayed 10 seconds
Auto power off

By pressing " **Mode** Key", display shift from 0.1 to 0.01

Std. display

TURB. 1.0

COLOR 1.0

Wide display

TURB. 1.00

COLOR 1.00

Specifications

Product Name/Model	Turbidity / Colority sensor TCR-30
Measuring Method	Double beam, Transparency Light System
LCD Display	Upper : Turbidity Display Lower : Colority Display Auto-Power-off after displayed 10 Seconds
Measuring Range	Turbidity : 0.0~50.0(Degree) Colority : 0.0~50.0(Degree)
Resolution	MODE 1 : 0.1 Degree MODE 2 : 0.01 Degree (at under 9.99) (Press the MODE key Switch : 0.00 ⇒ 0.0 ⇒ 0.00 ⇒ ...)
Self diagnosis	Battery Check, S ERR, CAL ERR, Scale Over, ETC.
Power Supply	Alkaline Battery LR1×4 (DC6V)
Dimensions	48(W)×38(D)×320(L)mm
Weight	Approx : 300g
Standard Components	TCR-30, Measuring Container, Carrying case
Optional Accessories	Turbidity Standard Solution (250m ℓ) Colority Standard Solution (250m ℓ)

Use Applications

Water filtration Plant, Simple Water Supply System, Reservoir, Industrial water, plant effluent, Food Plant, Laboratory, Water Quality Test of River Water, etc.