

# 15 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

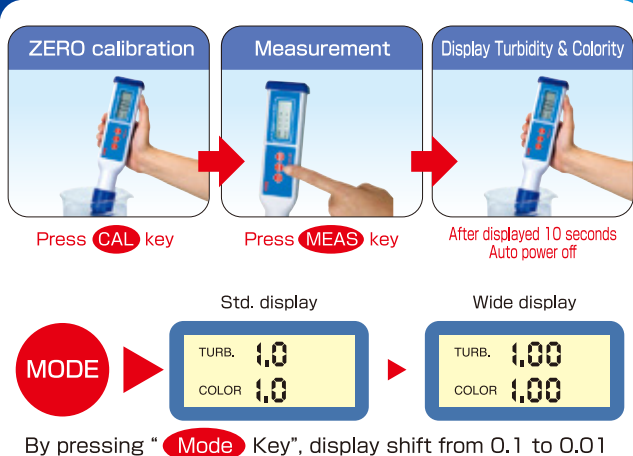
This Sensor unifies Probe Type Detector with The Meter and capable of Measuring Turbidity and Colority within the range of 0~50 degrees at the same time with a Single Unit. Also, in case of less than 10 Degrees, Measurement is possible to shift the Measuring Mode to Min. indication of 0.1 ⇒ 0.01, and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

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

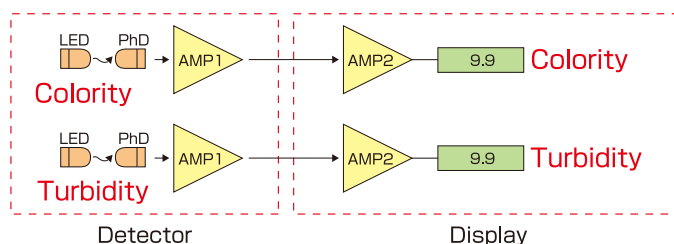
### Colority can be measures without influenced by Turbidity

### Double-Beam Type Optical Turbidity & Colority Detector

#### TCR-30 : Measuring Operation



### Measuring System Drawing



### 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.