

Turb**10**

TURBIDITY METER

TR-55

(Range : 0~1000FTU)

90° Scatter Light / Transmitting Light System



◆Measuring Outline

Paralleled bundle of Light from LED is decreased by Turbidity substance and reaches to transmitting Light Receiver. The Receiver placed at the 90 degrees against Light Source Measures scattered Light produced in proportion to Turbidity Substance at the Same Time, and measures exactly the Turbidity from low Density to high Density.

◆Near-Infrared Turbidity Detector without outer disturbance Influence

Near-Infrared Pulse Lighting /cutting filter of Visible Light is installed, therefore, less influenced by the outer Light or Colority of the Sample.

Measuring range 0~1100FTU
Minimum Display 0.01(Under 11FTU)
0.1(Under 110FTU)

◆Specifications

Product Name / Model	Turbidity Meter TR-55
Measuring Range	0~1100(Degree) 3 steps Auto-Range shift
Measuring Unit	Formazine Turbidity
Display	LCD 3-1/2 digits
Resolution	0.01 / 0~10.99 0.1/11.0~109.9 1/110~1100
Accuracy	Within ±2% (Under FS : 100FTU) Within ±3% (Under FS : 1000FTU)
Auto Power off	After Display of the measured value for 5 seconds
Sample value	10mℓ
Power Supply	Alkaline Battery LR03×4 (DC6V)
Dimensions	Approx 88(W)×174(D)×65(H)mm
Weight	Approx 310g
Standard components	Turbidity Meter, Standard Solution : 100 / 10 each 30mℓ Measuring Cell 4 pcs, Carrying Case,
Optional Accessories	Mixed Polystyrene Turbidity Solution : 100 or 10 each 60mℓ Formazine Turbidity Std. : 100FTU or 10 each 60mℓ

◆3 Steps Auto-Range Changing System

Stable ZERO Calibration
by Special CellReliable measuring Value
by Special Cell**Turb/CR****11**

TURBIDITY AND COLORITY SENSOR

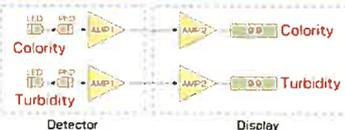
TCR-30

(Range : 0~50.0 Degree)

One Single Instrument measures Turbidity & Colority at the same time



◆Measuring System Drawing

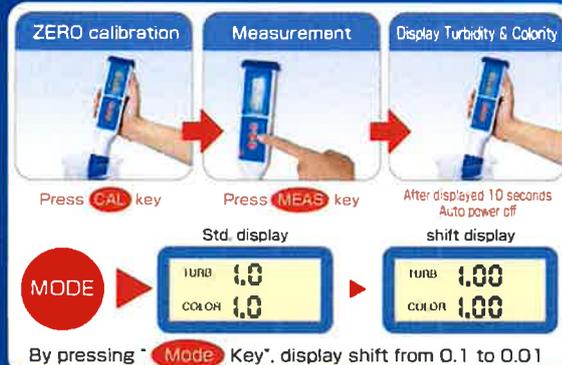


◆Specifications

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 ⇒ ...)
Power Supply	Alkaline Battery LR1×4 (DC6V)
Dimensions	Approx 48(W)×320(D)×38(H)mm
Weight	Approx 300g
Optional Accessories	Turbidity Standard Solution (250mℓ) Colority Standard Solution (250mℓ)

◆Double-Beam Type Optical Turbidity & Colority Detector

TCR-30 : Measuring Operation



◆Use Applications

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