

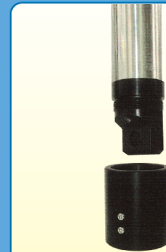
21 90° SCATTER LIGHT TURBIDITY METER TR-5Z

Probe Type, Near-Infrared 90° Scatter Light System

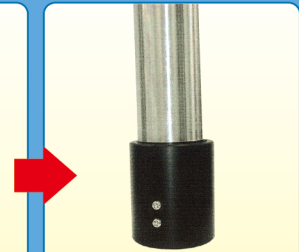
0~200 degree measurement



Cable of ZERO calibration without using ZERO water of turbidity



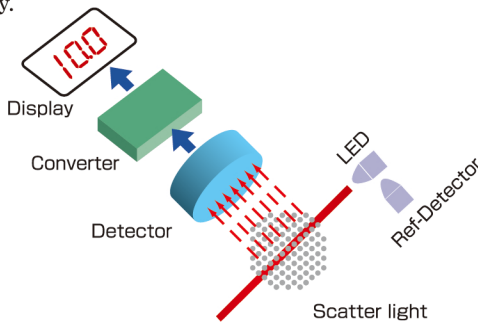
Simple ZERO calibration container



Press the CAL switch after setting → ZERO calibration

Turbidity Detector, Near infrared 90° Scatter Light Measurement

It detect sensitive SS with receiving Light Element of Max. Area of more than 200mm². It guarantees the stable Measurement with Near-Infrared LED and Filter of visible Light, which is strong against Noise, and not influenced by outer Light or colority.



Specifications

Product Name/Model	Probe Type, Turbidity Meter TR-5Z
Measuring Method	Near-Infrared 90° Scatter Light System
Measuring Range	0~200 degree (max.220 degree display)
Measuring Unit	①Polystyrene Turbidity (PSL) ②Formazine Turbidity (NTU) STD. ③Kaolin Turbidity (mg/ℓ)
Resolution	0.01/0~20 degree 0.1/21~220 degree
Accuracy	Within ±0.2 degree (Under 20 degree)
Calibration	Zero Calibration
Self Diagnosis	Battery check, S ERR, CAL ERR, Scale over, ETC.
Power Supply	Alkaline Battery LR03×3 (DC4.5V) Auto Power off after 30 Minutes
Dimensions	Meter : 75(W)×38(H)×180(D)mm Detector : φ40×248(L)mm
Weight	Meter : 270g, Detector : 350g
Cable Length	2m standard
Standard Components	Meter, Detector, Measuring Container, Simplified calibration Container, Strap, Vinyl Cover, Carrying Case,
Optional Accessories	Turbidity Standard Solution (250mℓ)

Turbidity Meter Built-in Reference Detector

Always observe Light Source LED luminance and change of Light Quantity by LED Deterioration and Temperature Change will Automatically correct measured Difference.

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.

Auto Switch of min. Indication

Turbidity of less than 20 degree indicates 0.01 (display is shifted automatically)

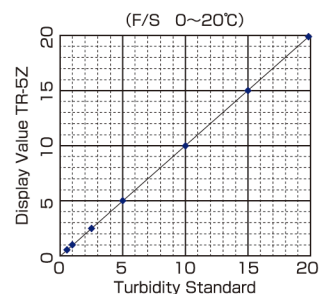
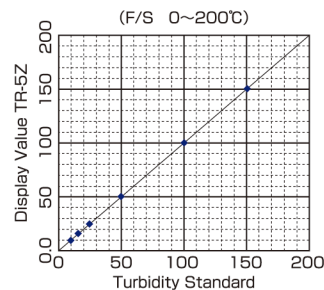
under 20 degree



over 20 degree



TR-5Z Linearity



Use applications

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