

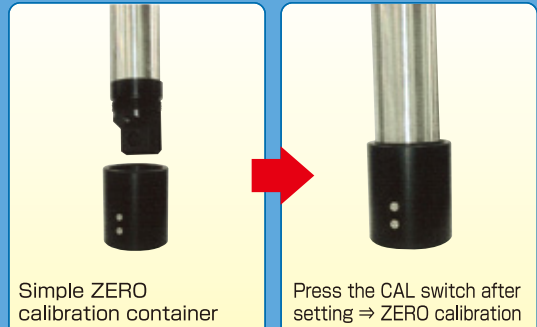
# 20 90° SCATTER LIGHT TURBIDITY METER TR-5Z

## Probe Type, Near-Infrared 90° Scatter Light System

0~200 degree measurement

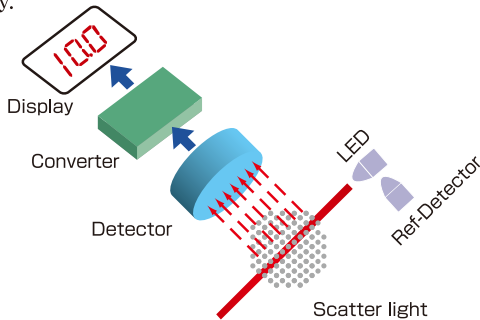


Cable of ZERO calibration without using ZERO water of turbidity



### Turbidity Detector, Near infrared 90° Scatter Light Measurement

It detect sensitive SS with receiving Light Element of Max. Area of more than 200mm<sup>2</sup>. 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

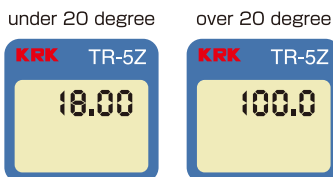
Always observe Light Source LED luminance and change of Light Quantity by LED Deterioration and Temperature Change will Automatically correct measured Difference.

### Near-Infrared Turbidity Detector without outer disturbance Influence

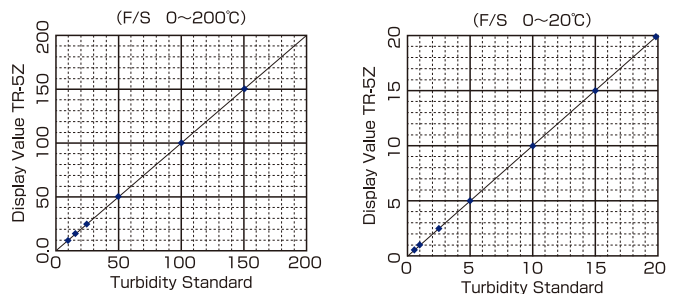
Near-Infrared Pulse Lighting /Cutting Filter of Visible Light is installed, therefore less influenced by the Outer Light or Colority of the Sample.

### Auto Switch of min. Indication

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



### 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.