Browse by product category		Browse by parameter	
On-line type ▼	Portable type ▼	Turbidity ▼	SS

TD-M500 can measure the water turbidity easily.
It can provide more objective measurement and eliminate the hassle of the measurement procedure.

Portable Turbidity Monitoring Sensor TD-M500

Portable Turbidity Monitoring Sensor
TD-M500

▶ Features   ▶ Specifications   ▶ Dimensions

◎ Features

■ **Easy to measure turbidity.**
You can easily measure the water turbidity anywhere with this portable sensor because it cannot be affected by external disturbance light.

■ **Unnecessary to draw the water.**
You just put the probe into the water to measure turbidity. You can avoid the hassle of drawing the water.

■ **High durability**
Controller Unit:
Waterproof IP67. Anti-bacterial metrical is used.

Sensor Unit:
Durable SUS316L is used. Optical window is made of sapphire glass.
It is equipped with a rubber to absorb the impact from wear and shock.
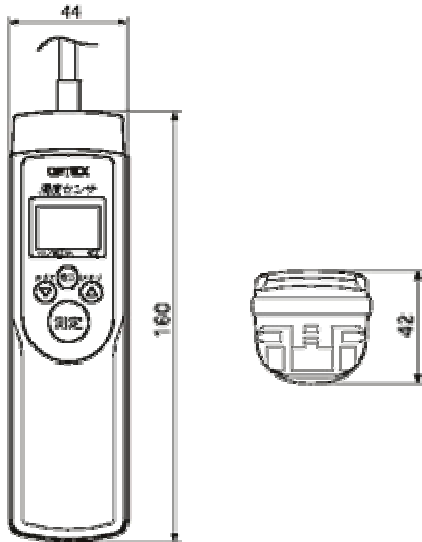
◎ Specifications

Model No.	**TD-M500**
Measuring Technique	Attenuated Light Method

Measuring Range	0.0-500FTU
Display Resolution	0.1FTU (0.0-99.9), 1FTU (100-500)
Calibration	Distilled Water or Air Calibration
Correction	Single or Double Point Correction
Power Requirements	9V Layer-built Alkaline Dry Battery (6LR61)
Battery Life	Approx. 8000 measurements
Water Temperature	0 to 40□□ (32 to 104□‹F)
Operating Temperature	-5 to 50□□ (23 to 122□‹F)
Operating Humidity	95% Rh or less
Materials	Controller: Body / ABS, Optical Windows / PMMA Probe: Body / SUS316L, Protection Cover / Silicon Rubber
Cable Length	5m
Dimensions	Controller: H x W x D = 160 x 44 x 42 mm Probe: ⌀30 x116 mm
Weight	0.6kg (Incl. Battery)
Protective Structure	Controller: IP67 Probe: IP68

◎ Dimensions

■ **Controller:**

■ **Probe:**

(Dimensions:mm)

OPTEX CO., LTD.