

Easy Installation, Simple Operation.



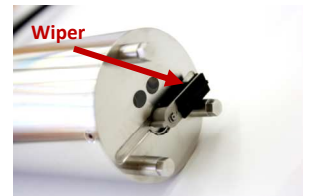
Turbidity Checker **TSC-10-D**

■ 90 degree scattered light method

TSC-10-D uses a method of 90 degree scattered light as the measuring principle of the world common standard.

■ Built-in wiper cleaning system

The Built-in wiper cleaning system certainly keeps lenses clean.



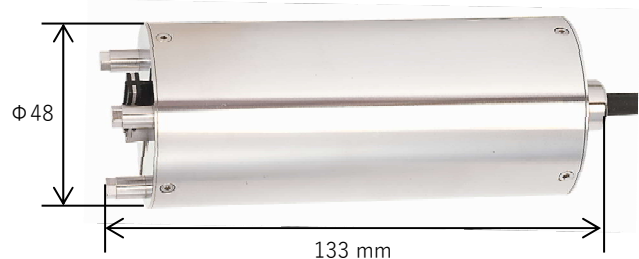
■ Sapphire glass of the optical windows

The optical windows are made of hard-to-scratch sapphire glass. It enables to scrub the window surface to maintain the Turbidity Checker.



■ Compact design

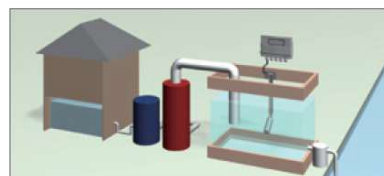
The compact design makes it possible to install easily.



■ Applications



Measurement of the effluent



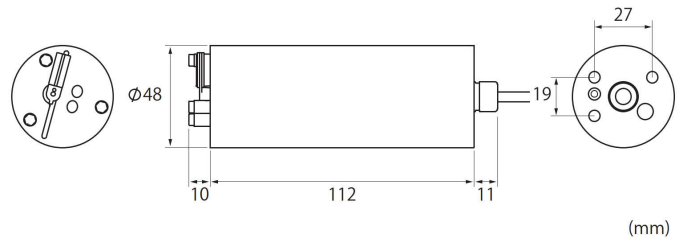
Measurement of the intake water

Turbidity Checker TSC-10-D

Specifications

Description	Turbidity Checker
Model	TSC-10-D
Measurement range	0.00 to 1000.0 NTU
Display resolution	0.00 to 19.99 NTU: 0.01 20.0 to 1000.0 NTU: 0.1
Power supply voltage	24 VDC \pm 10%
Current consumption	Normal: 30 mA or less During cleaning: 230 mA max.
Communication (function)	MODBUS (RTU/ASCII)
Cleaning system	Wiper cleaning system
Operating temperature	0 to 40°C (unfrozen)
Major material	SUS316L, Sapphire glass, Fluorocarbon rubber, EPDM, PVC (cable)
Dimension	Φ 48 x 133 mm
Weight	Approx. 1.1 kg
Degree of protection	IP68, maximum depth of 2 meters (underwater type)
Cable length	9 m

Dimensions



Optional items

Universal transmitter: SC-U1(E)

- 2 sensors can be installed.
(max. 4 sensors can be installed
when using expansion board)
- 4-20 mA output
- Relay output



Mounting attachment: TA-3



Maintenance kit: TSC-MK

Replacement for wiper parts
* Replace once a year is recommended



OPTEX sensors line-up

Turbidity
TC-3000-D



Dissolved
oxygen
DOS-20



Turbidity
TC-Mi



pH
SE-pH-D



Suspended
solids
TS-1000-D



ORP
SE-ORP-D



Suspended
solids
TS-Mx-D



Conductivity
SE-Cond-D



●The appearance and specifications are subject to change for improvement without prior notice. ●The colors might be slightly different from the actual product. ●Safety Precautions: Read the instruction manual carefully and thoroughly before using the appliance, and then use it correctly. ●The product has a limited life. Maintenance and replace it regularly.

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