

Easy-to-use for SS and transparency

* Measurement item must be selected.



SS Checker
TS-1000-D
TS-1000SP-D
(For seawater)

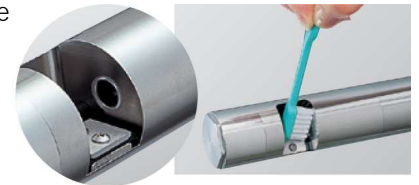
■ Built-in wiping cleaning system certainly keeps lenses clean.

Check and clean the window surface once every month.



■ “Easy to clean” scratch-proof sapphire glass for the optical windows.

The optical windows are made of hard-to-scratch sapphire glass. It enables you to scrub the window surface without problem.



■ Compact size can fit into any installation site.

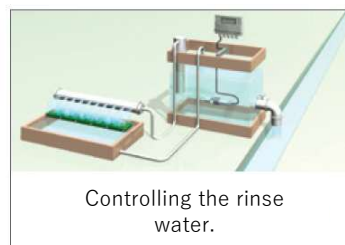
The compact design makes it possible to install in any places.



■ Can be measured by switching SS and transparency.

- Measurement range;
SS: 0.0 to 1000 mg/L (kaolin)
Transparency: 0 to 100 cm (JIS K 0102: 2016)
- display resolution;
SS) 0.0 to 49.9 mg/L (0.1 mg/L)
50 to 1000 mg/L (1 mg/L)
Transparency) 0 to 100 cm (1 cm)

■ Applications

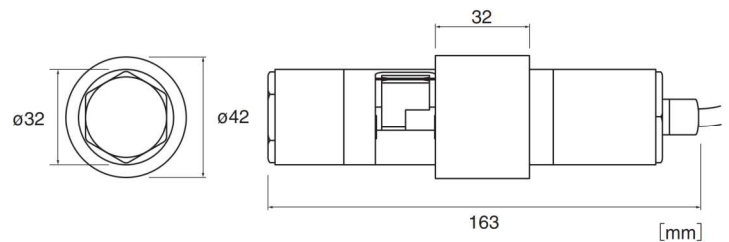


SS Checker TS-1000-D

Specifications

Description	SS Checker	
Model	TS-1000-D	TS-1000SP-D (For seawater)
Measurement range	SS: 0.0 to 1000 mg/L (kaolin) Transparency: 0 to 100 cm (JIS K 0102: 2016)	
Display resolution	SS) 0.0 to 49.9 mg/L: 0.1 mg/L 50 to 1000 mg/L: 1 mg/L Transparency) 0 to 100 cm : 1 cm	
Power supply voltage	24 VDC ± 10%	
Current consumption	Normal: 15 mA max. During cleaning: 130 mA max.	
Communication (function)	MODBUS (RTU/ASCII)	
Cleaning system	Wiper cleaning system	
Operating temperature	0 to 40°C (unfrozen)	
Major material	Body: SUS316L	Body: SUS3294J4L
	Sapphire glass, Fluorocarbon rubber, EPDM, POM	
Dimensions	Φ32 x 163 (exclude mounting attachment)	
Weight	Approx. 930 g	
Degree of protection	IP68, maximum depth of 2 meters (underwater type)	

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



Maintenance kit: TC-MK

- Replacement for wiper parts
- * Replace once a year is recommended



Mounting attachment: TA-1

- * Not include pipes



OPTEX Sensors Line-up

Turbidity
TC-3000-D



Dissolved oxygen
DOS-20



Turbidity
TSC-10-D



pH
SE-pH-D



Turbidity
TC-Mi



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.

OPTEX CO., LTD.

5-8-12, Ogoto, Otsu, Shiga, 520-0101 Japan
Tel.+81-77-579-8680 Fax.+81-77-579-8199
www.optex.co.jp/e/