

Easy-to-use compact model with well-developed functions



Turbidity Checker **TC-3000-D** **TC-3000SP-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 problems.



■ Compact size can fit into any installation site.

The compact design makes it possible to install any places.



■ Display resolution automatically switches depending on the measurement range

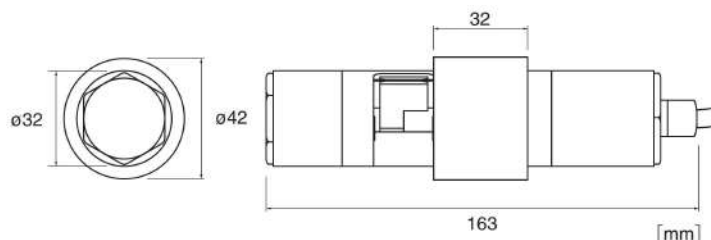
- Measurement range: 0 to 3000
- Display resolution;
 - 0.0 to 99.9: 0.1
 - 100 to 499: 1
 - 00 to 3000: 5

Turbidity Checker TC-3000-D

Specifications

Description	Turbidity Checker	
Model	TC-3000-D	TC-3000SP-D (for seawater)
Measurement range	0 to 3000 (FTU)	
Display resolution	0.0 to 99.9 FTU: 0.1 100 to 499 FTU: 1 500 to 3000 FTU: 5	
Power input	24 VDC \pm 10%	
Current consumption	Standard: 15 mA max. During cleaning: 130 mA max.	
Communication	MODBUS (RTU/ASCII)	
Cleaning system	Wiper cleaning	
Operating temperature	0 to 40°C (unfrozen)	
Major material	Body: SUS316L	Body: SUS329J4L
	Sapphire glass, Fluorocarbon rubber, EPDM, POM	
Dimensions	Φ 32 x 163 mm (excluding Hanging 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
TSC-10-D



Suspended
solids
TS-1000-D



Suspended
solids
TS-Mx-D



Color and
Turbidity
TDC-Mi



Dissolved
oxygen
DOS-20



pH
SE-pH-D



ORP
SE-ORP-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 products. ●Safety Precautions: Read the instruction manual carefully and thoroughly before using the appliance, and then use it correctly. ●The products have a limited life. Maintenance and replace it regularly.

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