



Self - Cleaning Turbidity Sensor

Brief Introduction:

Hydrolab's Self-Cleaning Turbidity sensor measures from 0 to 3000 NTU and includes a user-programmable cleaning wiper to remove any fouling or debris that could otherwise affect measured readings.

Features:

- Utilize 90° Infrared scattering measuring principle to avoid being interfered by ambient light or water color
- User-programmable self-cleaning wiper can perform 0~10 cleaning cycles before each reading
- Accurately measures up to 3000 NTU



Benefits:

- Fixed parking position ensures consistent data collection after each cleaning cycle
- 3000 NTU range allows Turbidity tracking even during rain storms or other events that could cause abnormally high readings
- Exceptional linearity even in high NTU environments
- The material of sensor shaft is SUS 316 or Polymer for user selection.
- Utilizes small aperture technique to reduce false readings from particulates and other debris

Specifications:

Range:	0-3000 NTU
Accuracy (compared to StablCal):	+/- 1% up to 100 NTU, +/- 3% from 100-400 NTU, +/- 5% from 400-3000 NTU
Resolution:	0.1 NTU from 0-400 NTU; 1 NTU for >400 NTU
Temperature Coefficient:	0.05% / °C

This sensor available on These sondes:

Hydrolab DS5X
Hydrolab DS5
Hydrolab MS5

