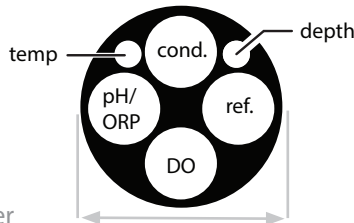


## Manta+ Standard Sensor Configurations

**2"**  
**Manta+20**

2 inches in diameter



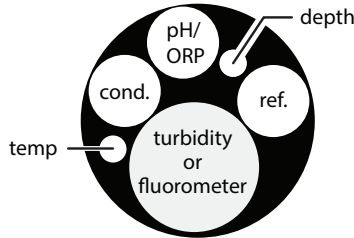
Standard models are shown. Please call for a quote for custom configurations.

Temperature sensor is included on every probe. Depth (vented or absolute) and ORP (must have pH) are optional on any probe.

ANY sensor is optional. However, compensation factors must be considered, see the chart on page 3.

Any fluorometer may be substituted for turbidity.

**2.5"**  
**Manta+25**



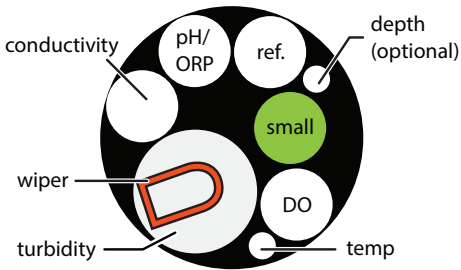
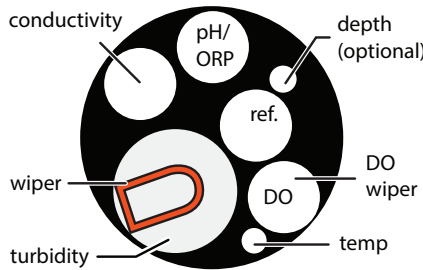
For a probe with a turbidity sensor, the turbidity wiper extension brush wipes the fluorometer and DO sensor.

For M+35 and 40 models with no turbidity, a wiper system is available.

Any sensor may be removed and the port plugged, but compensation factors should be considered.

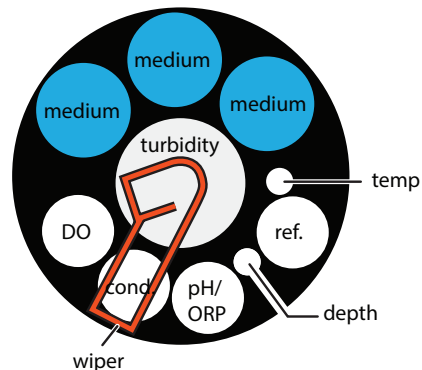
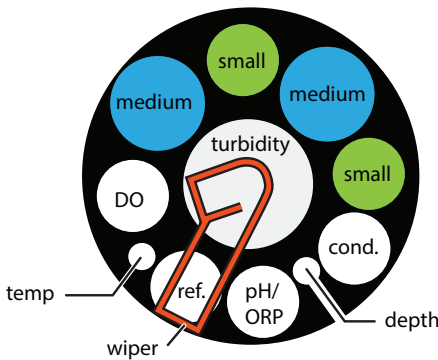
Transmittance, CO<sub>2</sub> and PAR sensors are also options on some models, contact us for more information.

**3"**  
**Manta+30A**



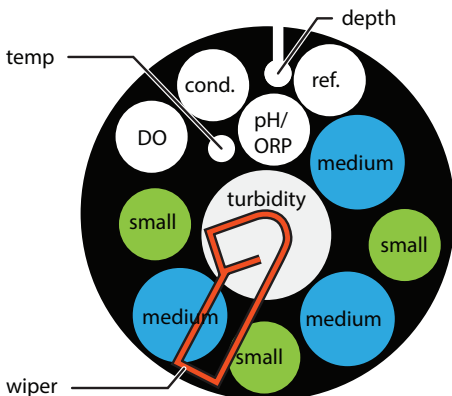
**3"**  
**Manta+30B**

**3.5"**  
**Manta+35A**



**3.5"**  
**Manta+35B/  
Manta+F35**

**4"**  
**Manta+40**



● Small	● Medium
nitrate	chlorophyll a
ammonium	blue green algae
chloride	CDOM/FDOM
sodium	tryptophan
calcium	optical brighteners
bromide	rhodamine
TDG	fluorescein
	PTSA
	crude oil
	refined oil

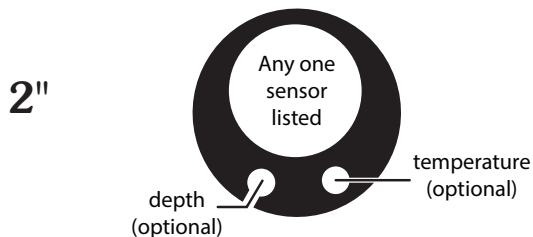
- A small sensor may be substituted for any medium sensor.
- TDG sensor cannot be wiped.
- +F35 only: optional depth occupies one medium port.
- TDG and ISE sensors are unavailable on the +F35.

**Trimeter Standard Sensor Configuration**

Select any one of Solinst Eureka’s water quality sensors (excluding ISEs, PAR, and CO<sub>2</sub>), and optionally add temperature and/or depth (vented or non-vented) sensors.

Temperature is included for Trimeters with conductivity, pH, or DO sensors.

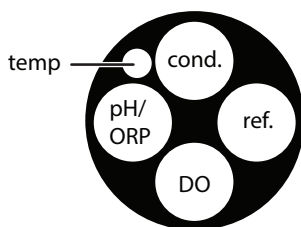
- pH
- ORP
- conductivity
- DO (optical)
- TDG - Total Dissolved Gas
- turbidity (wipered)
- chlorophyll a
- blue green algae
- CDOM/FDOM
- tryptophan
- optical brighteners
- rhodamine
- fluorescein
- PTSA
- crude oil
- refined oil



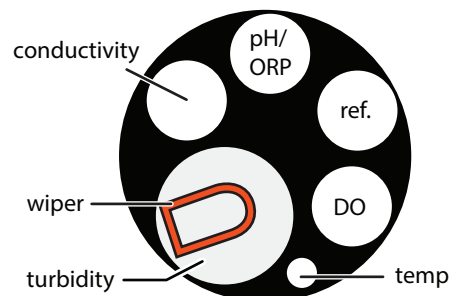
**EasyProbe Standard Sensor Configurations**

EasyProbe configurations are standard. For more options and sensor customization, refer to the Manta+ or Trimeter multiprobes.

**2"**  
**EasyProbe20**



**3"**  
**EasyProbe30**



## Compensating Sensor Requirements

Parameter	Required Compensation (by sensor)				Comment
	temperature	pH	conductivity/ salinity	reference sensor	
depth	√		√		<0.3% over 25°C, +2.6% error in sea water w/o SC probe
pH	√			√	Temp effect can be large; reference electrode absolutely necessary
dissolved oxygen	√		√		Huge temp effect; 20% high in sea water w/o SC probe
specific conductivity	√				Uses Standard Methods for Water & Wastewater Temp Comp of 1.9%/°C
Ammonium	√	√	√	√	Temp & pH effect can be large; reference electrode absolutely necessary; about 10% error at 1000 μS w/o SC probe
Nitrate	√		√	√	Temp effect can be large; reference electrode absolutely necessary; about 10% error at 1000 μS w/o SC probe
Chloride	√		√	√	Temp effect can be large; reference electrode absolutely necessary; about 10% error at 1000 μS w/o SC probe
Turbidity					Possible temp effect (no accepted compensation)
Chlorophyll/BGA					Possible temp effect (no accepted compensation)