



# Guide Tube Sensor Installation Installation Option

PRODUCT DATASHEET

## COMPATIBLE SENSORS

TurbiTechw<sup>2</sup> LA  
TurbiTechw<sup>2</sup> LS  
TurbiTechw<sup>2</sup> HR  
Turbi-Tech2000 LA  
Turbi-Tech2000 LS  
Turbi-Tech2000 HR

## MATERIAL

Guide Tube – PVC  
Mounting Brackets – Stainless Steel

## ORDER CODES

179800 Guide Tube - TurbiTechw<sup>2</sup>  
LA/LS/HR, Turbi-Tech 2000  
LA/LS/HR Sensor (2  
Metres)  
183600 Guide Tube - TurbiTechw<sup>2</sup>  
LA/LS/HR, Turbi-Tech 2000  
LA/LS/HR Sensor (3  
Metres)  
179810 Guide Tube - TurbiTechw<sup>2</sup>  
LA/LS/HR, Turbi-Tech 2000  
LA/LS/HR Sensor (4  
Metres)  
179820 Guide Tube - TurbiTechw<sup>2</sup>  
LA/LS/HR, Turbi-Tech 2000  
LA/LS/HR Sensor (6  
Metres)  
182510 Bracket Guide Tube

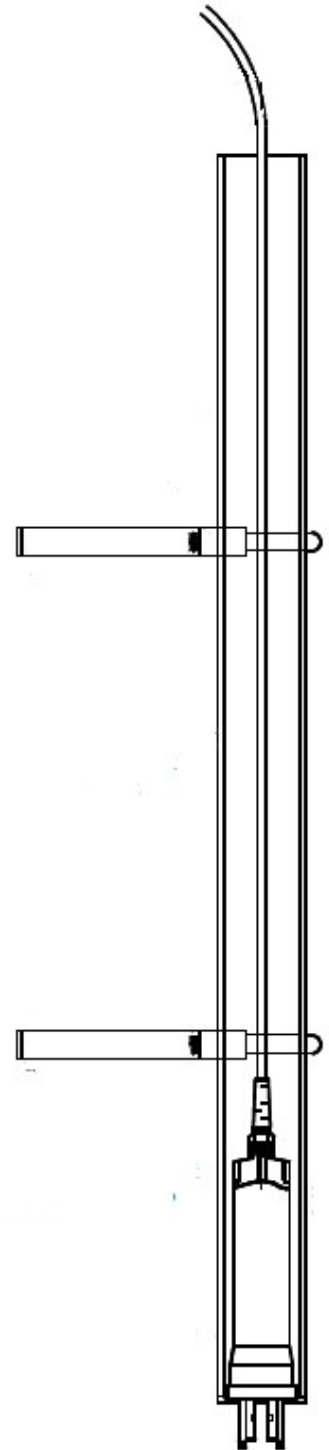
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to alter the specification without  
prior notice. E&OE

For applications where it is not possible to mount the sensor using our standard mounting shafts and handrail or wall mount brackets the guide tube system provides a suitable alternative. Typical applications are where there is a long distance between the top water level and the access point, or applications where there is a large variation in the water level.

The guide tube arrangement is secured to the tank or channel wall using 2 or 3 brackets depending on the tube length. The brackets should be spaced as widely as possible, with one at the lowest feasible point, this will help ensure that stress is not placed on the tube by high flows or turbulence. We recommend that 2 brackets are used for 2 and 3 metre guide tube lengths, with 3 brackets for the 4 and 6 metre versions, this should be reviewed against the particular details of each application to ensure secure mounting.

The sensor can then be easily lowered down the tube using the sensors cable. Fittings are added to both the sensor and the tube to ensure that the sensor does not come out of the bottom of the guide tube. It is important that the addition sensor part is ordered to ensure that the sensor is compatible with the guide tube system, this can also be retro-fitted to sensors already in the field.

The lower end of the guide has a number of holes drilled into it, these ensure that the sensor does not 'lock' in position when it is being inserted or withdrawn and that the sample can circulate around the base of the tube ensuring the area does not become clogged with fatty deposits.



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