



Turtle Tough's PURE Series pH & ORP Sensors have been designed for clean water applications, pure water, ultra-pure water and steam sterilisable applications.

ULTRA PURE WATER pH & ORP Sensor

Features

- For Ultra Pure Water applications where conductivity is <1 uS/cm (max flow 10L/h)
- Triple ceramic diaphragm
- High stability liquid junction
- High resistance to contamination and blocking
- Polymer Reference system is low maintenance and does not require refilling
- Very fast response
- PG13.5 Thread
- Convenient plug n play connector (5 or 10m cable sold separately)
- PT1000 RTD
- Analogue sensors compatible with common brands of analysers





Sensor name	ULTRA PURE WATER	PURE WATER	STEAM
Measuring type	pH & ORP		
Features	<ul style="list-style-type: none"> For Ultra Pure Water applications where conductivity is <1 uS/cm (max flow 10L/h) Triple ceramic diaphragm 	<ul style="list-style-type: none"> For Pure Water applications where conductivity is >1 uS/cm Advanced Teflon diaphragm with oversized sealing 	<ul style="list-style-type: none"> For Steam Sterilisable applications: Pharmaceutical, fermentation, food and beverage Withstand temp. up to 130 °C Advanced Teflon diaphragm with oversized sealing
	<ul style="list-style-type: none"> High stability liquid junction High resistance to contamination and blocking Polymer Reference system is low maintenance and does not require refilling Very fast response PG13.5 Thread Convenient plug n play connector (5 or 10m cable sold separately) PT1000 RTD Analogue sensors compatible with common brands of analysers 		
pH range	2-12	0-14	
Temperature range	0°C to 100°C	0°C to 110°C	0°C to 130°C
Response time	90% of the value in <30 sec		
Measure of temp	PT1000 Thermistor		
Pressure resistance	up to 600 kPa absolute (1 to 87 psig)		
Sensor dimensions	φ 12x120, 150 and 225 or other dimensions		
Material	Teflon diaphragm with large sealing ring		
Outer tube material	Glass		
Reference system	Polymer		
Connection	PG13.5 Quick Connect Plug		
Storage	Item should be kept at room temperature with closed protector cap, filled with storage solution in an upright position. Shelf life warranted for 12 months from the date of purchase		
Warranty	12 month conditional warranty. Go to turtletoughsensors.com/support/warranty-returns		



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Measurements

PURE Series pH/ORP Sensors

