

CS1540 pH Sensor

Designed for particulate matter water quality.



- CS1540 pH electrode adopts the most advanced solid dielectric in the world. Not easy to block, easy to maintain.
- The long-distance reference diffusion path greatly prolongs the service life of the electrode in harsh environments. The newly designed glass bulb increases the bulb area, prevents the generation of interfering bubbles in the internal buffer, and makes the measurement more reliable.
- Adopt Titanium alloy shell, upper and lower PG13.5 pipe thread, easy to install, no need for sheath, and low installation cost. The electrode is integrated with pH, reference, solution grounding.
- The electrode adopts high-quality low-noise cable, which can make the signal output longer than 20 meters without interference.
- The electrode is made of ultra-bottom impedance-sensitive glass film, and it also has the characteristics of fast response, accurate measurement, good stability, and not easy to hydrolyze in the case of low conductivity and high purity water.

Model No.	CS1540
pH zero point	$7.00 \pm 0.25 \text{pH}$
Reference system	SNEXT Ag/AgCl/KCl
Electrolyte solution	3.3M KCl
Membrane resistance	<500MΩ
Housing material	Titanium alloy or SS316
Liquid junction	SNEXT
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	$\pm 0.05 \text{pH}$
Pressure resistance	$\leq 0.6 \text{Mpa}$
Temperature compensation	None
Temperature range	0-80°C
Calibration	Sample calibration, standard liquid calibration
Double Junction	Yes
Cable length	Standard 5m cable, can be extended to 100m
Installation thread	PG13.5
Application	Particulate matter water quality.