

CS1753 pH Sensor

Designed for strong acid, strong base, wastewater, pool water, and chemical process.



- CS1753 pH electrode adopt the most advanced solid dielectric in the world and large-area PTFE liquid junction. Not easy to block, easy to maintain.
- The long-distance reference diffusion path greatly prolongs the service life of the electrode in harsh environments. With built-in temperature sensor (NTC10K, Pt100, Pt1000, etc. can be selected according to user requirements) and wide temperature range, it can be used in explosion-proof areas.
- 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 PPS/PC shell, upper and lower 3/4NPT pipe thread, easy to install, no need for sheath, and low installation cost. The electrode is integrated with pH, reference, solution grounding, and temperature compensation.
- 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.	CS1753
pH zero point	7.00 ± 0.25pH
Reference system	SNEX Ag/AgCl/KCl
Electrolyte solution	3.3M KCl
Membrane resistance	<600MΩ
Housing material	PP or PTFE (Optional)
Liquid junction	SNEX
Waterproof grade	IP68
Measurement range	0-14pH
Accuracy	± 0.05pH
Pressure resistance	≤ 0.6Mpa
Temperature compensation	NTC10K,PT100,PT1000 (Optional)
Temperature range	0-80°C
Calibration	Sample calibration, standard liquid calibration
Double Junction	Yes
Cable length	Standard 10m cable, can be extended to 100m
Installation thread	NPT3/4"
Application	Strong acid, strong base,waste water and chemical process