

## CS1543 pH Sensor

Designed for strong acid, strong base and chemical process.



CS1543 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. 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 glass shell, 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.

<b>Model No.</b>	<b>CS1543</b>
<b>pH zero point</b>	7.00 ± 0.25pH
<b>Reference system</b>	SNEX Ag/AgCl/KCl
<b>Electrolyte solution</b>	3.3M KCl
<b>Membrane resistance</b>	<500MΩ
<b>Housing material</b>	Glass
<b>Liquid junction</b>	Porous ceramics
<b>Waterproof grade</b>	IP68
<b>Measurement range</b>	0-14pH
<b>Accuracy</b>	±0.05pH
<b>Pressure resistance</b>	≤0.6Mpa
<b>Temperature compensation</b>	None
<b>Temperature range</b>	0-80°C
<b>Calibration</b>	Sample calibration, standard liquid calibration
<b>Double Junction</b>	Yes
<b>Cable length</b>	Standard 5m cable, can be extended to 100m
<b>Installation thread</b>	PG13.5
<b>Application</b>	Strong acid, strong base and chemical process