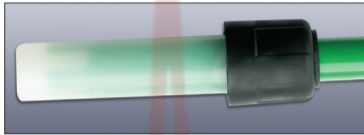


This junction can become clogged by particulates in the solution and can also facilitate poisoning by metal ions present in the solution. If a clogged junction is suspected it is best to soak the electrode in tap water to dissolve the material and clear the junction. When not in use it is best to store the electrode in either buffer 4.0 or buffer 7.0. Never store an electrode in distilled or deionized water as this will cause migration of the electrolyte solution from the electrode.

How long a pH electrode will last will depend on how it is cared for and the solutions it is used to measure. Typically, a gel-filled combination pH electrode will last six months to 1 year depending on the care and application.

How long an electrode will last is determined by how well the probe is maintained and the pH application. The harsher the system, the shorter the lifespan. For this reason it is always a good idea to have a back-up electrode on hand to avoid any system down time. Calibration is also an important part of electrode maintenance. This assures not only that the electrode is behaving properly but that the system is operating correctly.

Electrode Storage Bottle Cap: All our pH and ORP electrodes are supplied with a bottle storage cap which helps to keep the glass bulb always wet.



Model	MA920B/1	MA991B/1	MA905B/3	MA925B/3
Measuring Range	0 to 12 pH	0 to 13 pH	0 to 13 pH	±2000 mV
Temperature Range	-5 to 50°C	-5 to 70°C	-10 to 80°C	-5 to 100°C
Shaft Material	PVDF	glass	PVDF	PVDF
Reference Electrolyte	Viscolene	gel	polymer	polymer
Reference Junction	open	ceramic, single	double PTFE	PTFE
Reference Type	single, Ag/AgCl	single, Ag/AgCl	double Ag/AgCl	Ag/AgCl
Shape of membrane	conic	spheric	flat	flat Pt sensor
Max pressure	0.1 bar	0.1 bar	6 bar	6 bar
Connector Type	BNC	BNC	3/4" NPT - BNC	BNC
Cable length	coaxial, 1 m	coaxial, 1 m	3 m	3 meter
Shaft length	75 mm	120 mm	120 mm	135 mm
Diameter	6 mm	12 mm	22 mm	22 mm
Application	food-laboratory applications	laboratory applications	industrial applications	industrial applications