

Glass pH Electrodes

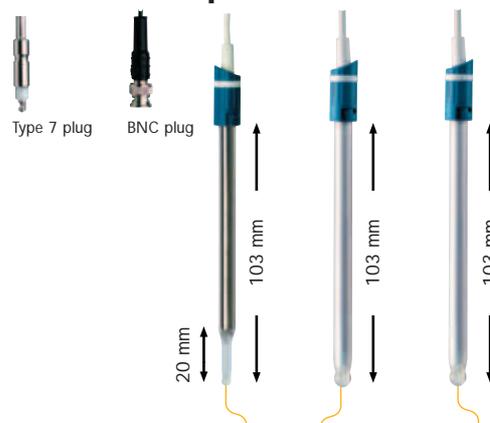
pH glass electrodes from Radiometer Analytical are made with highly shock-resistant glass, making them extremely tough. The average lifetime of a correctly maintained glass pH electrode is approximately 2 years.

Certain electrodes are made with special glass for pH measurements in strongly alkaline solutions. These electrodes allow measurements within the 0 - 14 pH range without significant deviation from the theoretical response.

Glass pH electrodes are always used in combination with reference electrodes. To find the right reference electrode for your application, refer to pages 8 and 9.

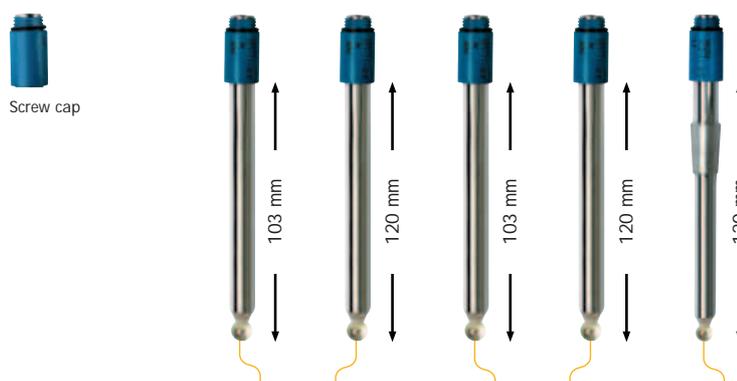
The zero pH of Red Rod glass pH electrodes when used with their recommended reference electrode is approximately pH 6.65. The zero pH of glass pH electrodes is approximately pH 6.65 when measured against a calomel reference electrode (e.g. REF421, XR100, XR110) and approximately pH 7.25 when measured against an Ag/AgCl reference electrode (e.g. REF321, XR300).

Red Rod glass pH electrodes



Applications	Micro-samples pHG200	General-purpose pHG201	Alkaline samples pHG211
Type			
Part no. Type 7		E11M005	
Part no. BNC	E11M002	E11M006	E11M003
pH range	0 - 12	0 - 12	0 - 14
Temperature range	10 - 100°C	-10 - 100°C	10 - 100°C
Lower diameter	4 mm	7.5 mm	7.5 mm
Reference system	Red Rod	Red Rod	Red Rod
Minimum sample depth	4 mm	7 mm	7 mm
Recommended reference electrode	REF200	REF201/251/261 REF201 for general use	

Glass pH electrodes



Applications	General-purpose		Alkaline samples		
	pHG301	XG100	pHG311	XG200	XG250
Part no.	E11M001	B10B100	E11M004	B10B200	B10B250
pH range	0 - 12	0 - 12	0 - 14	0 - 14	0 - 14
Temperature range	0 - 80°C	0 - 80°C	0 - 80°C	0 - 80°C	0 - 80°C
Diameter	12 mm	12 mm	12 mm	12 mm	12 mm
Reference system	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Minimum sample depth	12 mm	12 mm	12 mm	12 mm	16 mm
Recommended reference electrodes	REF421 REF321	XR100 XR300	REF421 REF321	XR100 XR300	XR110