

pH Electrode Selection Guide



Sample Type	P10+	P11	P11HA	P12	P13	P14	P16	P17	P18	P19	P20	P21
Agar	X	X	X	X	X	X	X	✘	X	X	X	X
Alkalines (high)	X	X	✘	X	X	X	X	X	X	X	X	X
Beer	✘	✘	X	✘	✘	✘	X	✘	X	X	✘	✘
Blood Products	✘	✘	X	✘	✘	✘	✘	✘	X	X	✘	✘
Bread, Dough	X	X	X	X	X	X	X	*	✘	✘	X	X
Cement	*	✘	✘	*	*	*	X	*	*	*	*	*
Cosmetics	*	✘	X	✘	✘	✘	X	✘	*	*	*	✘
Dairy Products	*	✘	X	✘	✘	*	X	✘	*	✘	X	X
Education	✘	✘	*	*	*	✘	*	✘	*	*	✘	*
Fats/Cream	*	*	X	*	X	X	X	*	*	✘	X	X
Field Use	X	*	X	X	X	✘	X	✘	✘	*	✘	X
Fish Products	*	*	X	*	*	*	X	✘	*	✘	X	*
Lab Flasks	X	X	X	✘	X	X	X	X	X	X	X	X
Low Ionic	*	✘	X	*	X	X	X	X	X	X	X	✘
Meat, Cheese	X	X	X	X	X	X	X	✘	*	✘	X	X
Micro Samples	X	X	X	*	✘	X	*	*	X	*	X	X
Paint	✘	X	X	✘	✘	X	X	✘	X	X	X	X
Photographic	X	X	✘	X	X	X	X	X	X	X	X	X
Soil	*	*	X	*	*	*	X	X	✘	✘	X	X
Surface	X	X	X	X	X	X	X	✘	X	X	X	X
Test Tubes	X	X	X	✘	*	X	✘	X	X	X	X	X
Tris Buffer	X	X	X	X	X	X	✘	X	X	X	X	X
Viscose Samples	X	X	X	X	X	X	X	✘	*	*	X	X

Note

For Emulsions, Liquors, Non-Aqueous samples and Oils use type P11/DJ/LiCl

For Hydrofluoric Acid samples use type P14/HF

+ Requires separate reference electrode type R1 or R2 consult your dealer

Samples of varying temperature refer to pH PLUS range.

For Jam Measurements use type P14/RJ/LF

For Measurements in Swimming Pools use type: pH - P14/NS/SR/CAP/S8 or P14/NS/SR/CAP/1MBNC

Redox - O14/NS/SR/CAP/S8 or O14/NS/SR/CAP/1MBNC

P11/DJ - For difficult samples. i.e. solutions, Sulphide.

x Not Suitable ✘ Recommended * Satisfactory

For pricing or any further information please contact us.

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