

Flat surface pH electrodes

Measure moist surfaces such as agar gel plates, skin, paper, textiles, meat, and cheese

Measure flat, soft, moist, semi-solid or small volume samples with epoxy bodied Flat Surface pH Electrodes. These electrodes are ideally suited for use on samples such as paper, textiles, skin, meat, cheese, or in agar gel plates.

Flat surface pH electrodes are available in single or double junction designs allowing you to measure samples such as Tris buffers or samples containing protein, enzymes, sulfides, or other compounds that react with silver. You may also choose from refillable or low-maintenance designs.

ROSS Ultra and ROSS Flat Surface Electrodes provide optimum accuracy and stability while having the additional advantages of a double junction design. The ROSS Ultra Flat Surface Electrode has a 2 year warranty.

The AquaPro Flat Surface Electrode is Tris compatible and has an open junction that does not clog. This low maintenance electrode never requires fill solution.





The Orion Low Maintenance Flat Surface Electrode is a silver chloride option that is ideal for routine measurements.

Key information

- All cable lengths are 1 meter

Recommended accessories

Description	Cat. No.
ROSS pH Electrode Storage Solution	810001
ROSS Electrode Fill Solution	810007
Ag/AgCl Electrode Storage Solution	910001
Silver Chloride pH Electrode Fill Solution	900011
Double Junction pH Electrode Fill Solution	910008-WA

			
ROSS Ultra Flat Surface Combination pH Electrode, epoxy body	ROSS Flat Surface Combination pH Electrode, epoxy body	AquaPro Low Maintenance Flat Surface Combination pH Electrode, epoxy body, polymer-filled	Orion Low Maintenance Flat Surface Combination pH Electrode, epoxy body, gel-filled
<ul style="list-style-type: none"> • 2 year warranty • Rapid response to temperature extremes 	<ul style="list-style-type: none"> • Premium performance • Rapid response to temperature extremes 	<ul style="list-style-type: none"> • Clog free junction for tough samples • Polymer-filled reference 	<ul style="list-style-type: none"> • For routine flat surface measurements • Gel-filled reference

Cat. No.	8135BNUWP	8135BN 8135SC	9135APWP	913600
pH Range	0-14	0-14	0-14	0-12
pH Precision	0.01	0.01	0.02	0.1
Temp. Range	0-100 °C	0-100 °C	0-60 °C	0-80 °C
Internal Reference	ROSS	ROSS	Ag/AgCl Double junction	Ag/AgCl
Junction	Glass fiber	Glass fiber	Open	Wick
Fill Solution Cat. No.	810007	810007	–	–
Dimension D (Dia) L (Length)	L - 120 mm D - 12 mm	L - 120 mm D - 12 mm	L - 120 mm D - 12 mm	L - 110 mm D - 12 mm
Connector Type	BNC Waterproof	BNC Screw Cap*	BNC Waterproof	BNC

*Requires screw cap cable for connection to BNC meter, Cat. No. 91CBNC