

LabSen 833 Electrode



Main Features

- Integrated temperature sensor, patented Swiss sensor technology and materials
- Specially developed for solutions containing hydrofluoric acid (≥ 3 pH) and other strongly acidic solutions
- LabSen HF glass membrane resists hydrofluoric acid corrosion (1 g/L), up to 10 times more robust than conventional electrodes
- Silver ion trap reference system prevents blockage and contamination by silver sulfide
- Integrated temperature sensor enables automatic temperature compensation
- Compatible with all pH meters with a BNC connector

Technical Parameters

Measuring range	(0 ~ 12) pH	Electrolyte	3M KCl
Recommended operating temperature	(0 ~ 100) °C	Storage solution	3M KCl
Shaft material	lead-free glass	Membrane impedance	<400M Ω
Glass membrane type	HF	Electrode dimensions	($\varnothing 12 \times 120$) mm
Reference system	Silver ion trap	Connector	BNC/RCA
Junction	Ceramic	Cable	$\varnothing 5$ mm $\times$ 1 m
Temperature sensor	NTC 30k Ω		