

LabSen 853-H Electrode



Main Features

- Integrated temperature sensor, patented Swiss sensor technology and materials
- Specially developed for highly viscous samples that are strongly alkaline or at high temperature
- LabSen HA glass membrane minimizes alkali error in strongly alkaline solutions (pH 10–14), up to 10 times more robust than conventional electrodes
- Pressurized reference system ensures reliable electrolyte flow even with highly viscous samples
- Silver ion trap reference system prevents electrode contamination and extends its service life
- Integrated temperature sensor enables automatic temperature compensation
- Compatible with all pH meters with a BNC connector

Technical Parameters

Measuring range	(1 ~ 14) pH	Electrolyte	Gel KCl
Recommended operating temperature	(0 ~ 130) °C	Storage solution	3M KCl
Shaft material	lead-free glass	Membrane impedance	<500MΩ
Glass membrane type	HA	Electrode dimensions	(Ø12×120) mm
Reference system	Pressurized silver ion trap	Connector	BNC/RCA
Junction	Ceramic	Cable	Ø5 mm×1 m
Temperature sensor	NTC 30kΩ		