

LabSen 243-6 Electrode



Main Features

- Integrated temperature sensor, patented Swiss sensor technology and materials
- Suitable for small-volume samples ($\geq 0,2$ ml) and narrow test tubes; with the micro container, measurements down to 60 μ l are possible
- Semi-micro glass membrane (length 100 mm, $\varnothing 6$ mm) with low impedance (< 350 M Ω), usable at temperatures up to 100 °C
- Blue gel electrolyte does not flow and causes no air bubbles
- Integrated temperature sensor (30 k Ω thermistor) enables automatic temperature compensation
- Long-life reference system (glass tube, AgCl, silver reference wire) improves stability and service life
- Compatible with all pH meters with a BNC connector

Technical Parameters

Measuring range	(0 ~ 14) pH	Electrolyte	3M KCl
Recommended operating temperature	(0 ~ 100)°C	Storage solution	3M KCl
Shaft material	lead-free glass	Membrane impedance	< 350 M Ω
Glass membrane type	S	Electrode dimensions	Electrode ($\varnothing 12 \times 150$) mm Sensor tip ($\varnothing 6 \times 100$) mm
Reference system	Long-life	Connector	BNC/RCA
Junction	Ceramic	Temp. sensor	NTC 30k Ω
Membrane shape	slim	Cable	$\varnothing 5$ mm $\times$ 1 m