

## LabSen 251 Electrode



### Main Features

- Patented Swiss sensor technology and materials
- Pointed electrode for penetrating soft/semi-solid samples (cheese, butter, dough, fruit, etc.) as well as liquid samples
- Pointed glass membrane delivers stable readings in 15–30 seconds, up to 10 times more robust than conventional electrodes
- Maintenance-free polymer electrolyte with pinhole junction structure, no refilling required
- 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          | Polymer                                          |
| Recommended operating temperature | (0 ~ 80)°C            | Storage solution     | 3M KCl                                           |
| Shaft material                    | lead-free glass       | Membrane impedance   | <250 MΩ                                          |
| Glass membrane type               | S                     | Electrode dimensions | Electrode (Ø12×150) mm<br>Sensor tip (Ø6×100) mm |
| Reference system                  | Long-life             | Connector            | BNC                                              |
| Junction                          | Ceramic + single pore | Cable                | Ø3 mm×1 m                                        |