

FermProbe[®] Series F800

pH Electrode



Features

- Double-Junction Silver/Silver Chloride reference element for the ultimate in stability and resistance to contamination.
- Specifically designed for multiple SIP, CIP, or Autoclave cycles. Withstands exposure to harsh CIP solutions.
- Metric threaded cap is compatible with a wide range of bioprocess electrode housings.
- Rugged, low-impedance pH bulb provides fast and precise pH measurements even after prolonged steam exposure.

Benefits

- Accurate and Precise Measurements
- Superior Stability Post-Sterilization
- Improved Noise Rejection
- FDA, USP Compliant
- Certified UL/MDT **Stabilyte[™]** Gel

The FermProbe[®] pH F800 Series is built to withstand repeated high temperature sterilization by pressurized steam. The Pg13.5 cap design provides for insertion and removal of the electrode from its housing.

Each FermProbe[®] is steam sterilized for one hour at 135°C before final QA tests in order to insure the highest level of electrode reliability.

All FermProbes[®] have two built-in electrolyte chambers that act to protect and isolate the sensitive inner AgCl reference half-cell.

This «double junction», dual chamber design effectively prevents the most common failure modes of pH electrodes in biopharmaceutical applications.

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PRODUCT SPECIFICATIONS

pH Range

0-14 pH

Temperature Range

-5 -135°C (steam sterilizable)*

Pressure

150 psig maximum*

Reference

Double junction, Ag/AgCl

Internal Electrolyte Gel

Potassium Chloride 1.0 M, Glycerine thickening agent, USP Grade

Cap

K9 Metric Pg13.5

Connector

DK Style Disconnect

Wetted Materials

Glass outer body, glass bulb, porous ceramic liquid junction and internal electrolyte gel

Mounting

Metric threaded cap fits into a wide range of bioprocess electrode housings

Bulb Glass

Special Low-Drift Formula



Available lengths :

120 mm

225 mm

200 mm

325 mm

420 mm

*Pressure and temperature ratings with FermProbe[®] installed in a Broadley-James housing