

# 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.

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

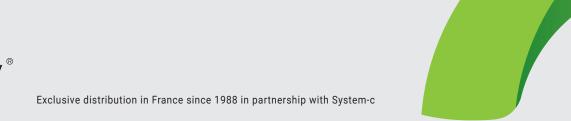
Each FermProbe® is steam sterilized for one hour at 135°C before final QA tests in order to insure the highest level of electrode reliability.

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

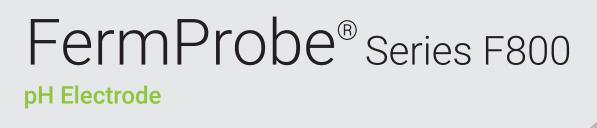
This «double junction», dual chamber design effectively prevents the most common failure modes of pH electrodes in biopharmaceutical applications.

# **Benefits**

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







# 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**

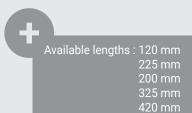
Glass outer body, glass bulb, porous ceramic liquid junction and internal electrolyte gel

#### Mounting

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

#### **Bulb Glass**

Special Low-Drift Formula







2, allée de Chamillé - ZI du Bois des Lots 26130 Saint-Paul-Trois-Châteaux T. +33 (0)4 75 54 86 00 bioprocess@systemc.pro www.systemc.pro



<sup>\*</sup>Pressure and temperature ratings with FermProbe® installed in a Broadley-James housing