

# odes pH Electrodes pH Electrodes pH Electrodes pH Electrodes p

## T-Pull<sup>®</sup> pH FermProbe<sup>®</sup> — Style 1

The T-Pull style FermProbe pH electrodes are designed to be used in bioprocess applications where CIP/SIP procedures are used. Built to withstand repeated steam sterilization cycles, the FermProbe quickly stabilizes after steam exposure to be back on-line in half the time of other electrodes. This rugged, low impedance, process pH electrode continues to provide fast and precise pH measurements even after harsh use and prolonged steam exposure.

The FermProbe design specifies that the pH electrode be secured to the housing by a free-spinning threaded retainer nut. This allows the electrode to be installed or removed from the housing without twisting or disconnecting the electrode cable.

FermProbe pH electrodes are available in various lengths to accommodate particular applications and housings.



### FermProbe pH Electrode Specifications:

- 0–14 pH range
- Steam sterilizable to 135° C
- 150 psig maximum pressure
- Double junction, Ag-AgCl reference system
- Electrode secures to housing with threaded retainer nut
- S8 disconnect connector in T-Pull cap

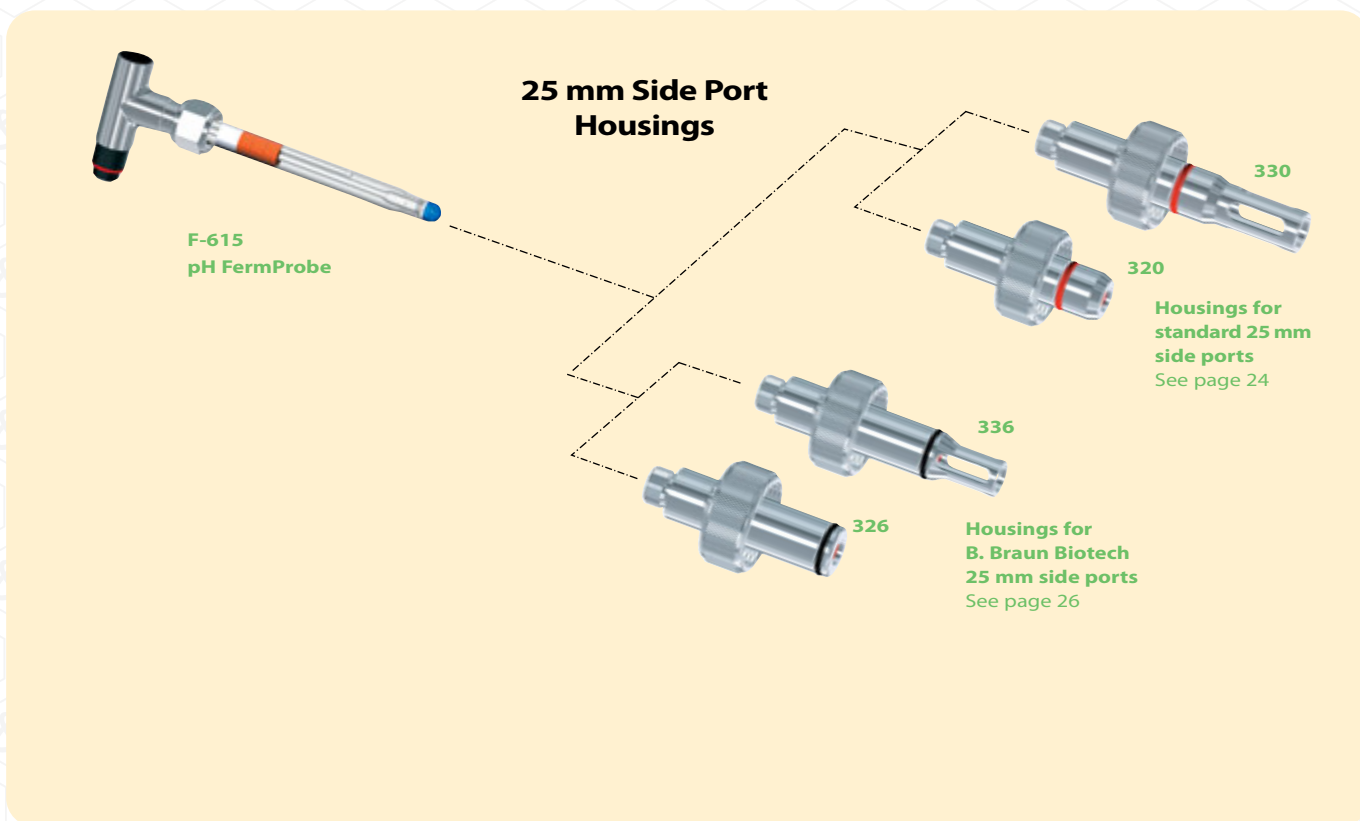
### FermProbe pH Electrodes with T-Pull Cap

The T-Pull cap eases installation and removal of the electrode from the housing and greatly reduces fatigue of the extension cable. The electrode can easily be removed from the housing without rotating the electrode or twisting the cable, further reducing cable fatigue.

### Features:

- Rugged T-Pull cap design eases removal of electrode from housing. No tools required.
- Greatly reduces cable fatigue.
- Electrode retainer nut is part of the handle. Cannot be lost or misplaced.
- Available with integral cable.

# F-615 pH FermProbe



## How to Order an Electrode

### (1) Choose Electrode Model.

If the electrode needs to fit an existing cable, check the cable connector and note its color. If the cable connector is black and has an S8 connector, use the F-615 or F-635 FermProbe. If the cable connector is red or orange and has a K9 connector, use the F-695 FermProbe.

### (2) Choose Electrode Length.

If you have already chosen a housing, select an electrode length

with the same Class designation as the housing. For more information on selection of housings, see pages 18–20. The housing *ordering information* box also lists the correct electrode length to order. If you have not already chosen the housing, please review the recommendations next to each electrode model below.

### (3) Confirm Cable Length and Connector.

Model F-615 pH electrodes require an S8 disconnect cable and connector assembly. See pages 70 and 71

## ordering information

Electrode Model	Class	Use With These Housing Models	Electrode Length	Electrode Part Number
<b>Model F-615 pH FermProbe with T-Pull Cap &amp; S8 Disconnect Connector</b>				
F-615	<b>A</b>	320, 330, 326, 336, 350, 357, 370	130 mm	F-615-B130-DH
F-615	<b>B</b>	320, 330	160 mm	F-615-B160-DH
F-615	<b>C</b>	320, 330	210 mm	F-615-B210-DH