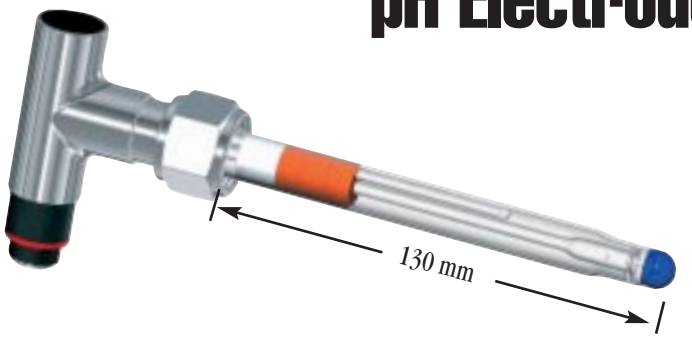
F-615-B130-DH FermProbe® pH Electrode



FermProbe® pH Electrode Description:

The T-Pull® style FermProbe® pH electrode is 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 electrode 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. Additionally, the T-Pull® handle eases installation and removal of the electrode from the housing.

The model 615 FermProbe® has 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.

Features:

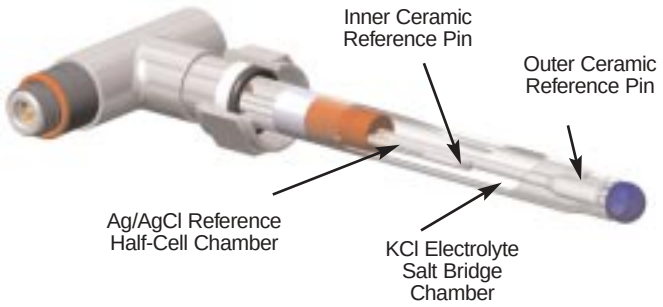
- Rugged T-Pull® handle design eases removal of electrode from housing. No tools required.
- Greatly reduces cable fatigue.
- Electrode retainer nut is part of the handle. Cannot be lost or misplaced.

FermProbe® pH Electrode Specifications:

• pH range:	0-14 pH
• Temperature range:	-5-135°C (steam sterilizable) *
• Pressure:	150 psig maximum *
• Reference:	Double junction, Ag/AgCl
• Electrolyte:	3.8 Molar KCl
• Cap:	T-Pull®
• Connector:	disconnect, DH
• Electrode Length:	130 mm
• Wetted Materials:	Glass outer body, glass bulb, porous ceramic liquid junction, and internal electrolyte gel
• Mounting:	¾-20 threaded nut fits into Broadley-James housing
• Manufacturer:	Broadley-James Corporation

* Pressure and temperature ratings with FermProbe® installed in housing

Cutaway View



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