

Description

The SU800-16 is a gamma sterilizable, single-use pH sensor with a 1-inch hose barb designed for pre-installation into a bioprocess container (BPC). The sensor can be used for upstream and downstream BPC applications including media mixing, buffer preparation, and large-scale cell culture bioreactors.

Rugged and always ready to use, no hydration time is required. The sensor can be retracted during mid-run for a 1-point standardization check with the built-in buffer storage chamber.

Model	SU800
Part Number	SU800-16

Sensor Specifications

Measurement Range	2–12 pH
Operational Temp. Range	15°–50° C [60°–122° F]
Storage Temperature	5°–35° C [41°–95° F]
Shelf Life	36 months Post Gamma: 30 months
Gamma Tolerance Level	50 kGy
Sensor/Tubing Interface	1-inch Hose Barb
Sensor Connector Cable	8-pin Variopin

Wetted Materials

Main Sensor Body	PEEK, USP Class VI, ADI Free
Port Gasket	Dimethyl Silicone Rubber Pt Cure, USP Class VI, ADI Free
O-ring	EPDM, USP Class VI, FDA Compliant Extraction Tested 21CFR, 177.2600, ADI Free
pH Glass Electrode	Lead-free Glass
Ceramic Junction	Alumina Silicate

Features

- pH sensor retracts into the buffer storage chamber in the sensor body for long-term storage
- Sensor can be inserted and retracted multiple times without loss of buffer storage electrolyte

Benefits

- Sensor can be stored and protected in sensor housing until needed
- Always ready to use, no rehydration time required
- Sensor can be retracted into buffer storage chamber during mid-run for 1-point standardization check



SU800-16 Single-Use pH Sensor

Dimensional Drawings of SU800-16

