

SU 600 / SU 680

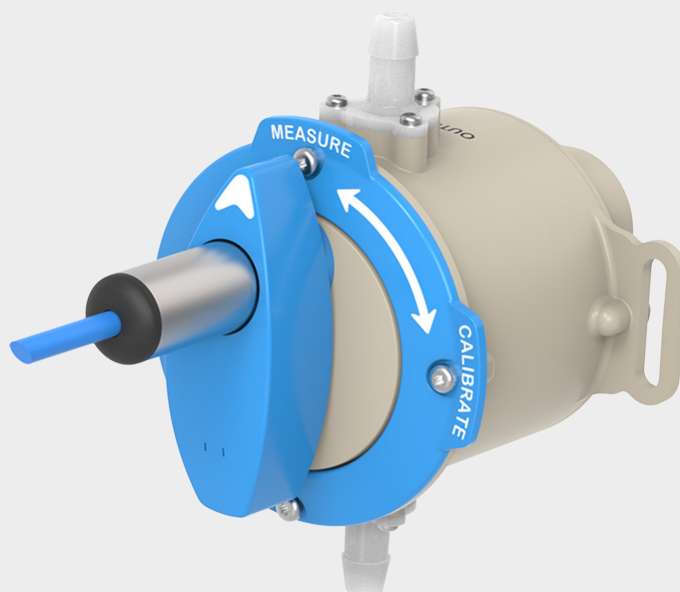
Downstream Single-Use, Flow-Through pH Sensors

Applications

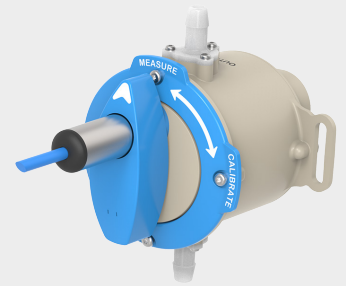
- DSP process
- Perfusion systems
- Viral inactivation
- Protein refolding
- pH adjustment of feed suspension

Features

- Measurement range pH : 2 - 12
- Designed for downstream bioprocess applications
- Factory calibration, Plug & Play, no rehydration time is required
- Smart sensor, T100 compatible, storage data calibration
- Reusable after chemical cleaning
- Different connectors available according flow applications
- Sensor rotates into a built-in buffer storage chamber for long-term storage and 1-point standardization check – with possibility of automation
- Flow stream is unaffected, only sensor moves in and out of flow path
- Available in gamma sterilized single-use assemblies with tubing and aseptic connectors



A single-use, flow-through pH sensor for downstream applications.



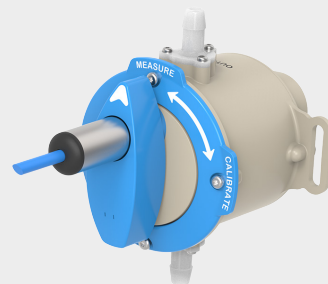
SU 600 / SU 680

Downstream Single-Use, Flow-Through pH Sensors

SENSOR SPECIFICATION

SU600 Series – Low-Flow Volume Applications

	SU600-02	SU600-04	SU600-06
Connector	1/8" Hose Barbs	1/4" Hose Barbs	3/8" Hose Barbs
Maximum Flow Rate	0,9 L/min	3,5 L/min	7,8 L/min
Measurement Range	2 - 12 pH		
Operational Temp. Range	15° - 50° C [41° F - 122° F]		
Storage Temperature	5° - 35° C [41° F - 95° F]		
Shelf Life	36 months Post gamma : 30 months		
Gamma Tolerance Level	50 kGy		
Sensor Connector Cable	8-pin Variopin		
Buffer storage chamber	Long-term storage 1-point standardization check Avoid exposure to CIP process solution		
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		



SU 600 / SU 680

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SENSOR SPECIFICATION

SU680 Series – High-Flow Volume Applications

	SU680-08	SU680-12	SU680-16
Connector	1/2" Hose Barbs	3/4" Hose Barbs	1" Hose Barbs
Maximum Flow Rate	13,9 L/min	31,3 L/min	55,7 L/min
Measurement Range	2 - 12 pH		
Operational Temp. Range	15° - 50° C [41° F - 122° F]		
Storage Temperature	5° - 35° C [41° F - 95° F]		
Shelf Life	36 months Post gamma : 30 months		
Gamma Tolerance Level	50 kGy		
Sensor Connector Cable	8-pin Variopin		
Buffer storage chamber	Long-term storage 1-point standardization check Avoid exposure to CIP process solution		
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		

