

Description

The SingleSense® Model SG320 is a single-use gamma irradiated pH sensor and bellows insertion assembly equipped with a AseptiQuik® connector for aseptic attachment to a bioprocess container (BPC). The entire SG320 assembly is assembled and double bagged in an ISO 7 cleanroom and then gamma irradiated. This enables users to quickly connect the pH sensor assembly to the BPC and aseptically insert the sensor into the media. This saves operator time and reduces risk.



Model SG320-NA-V6 Single-Use pH Sensor Assembly with AseptiQuik® connector.

Part Number Table

Model SG320 with AseptiQuik® Connector, no RTD		
Part Number	RTD	Sensor Connector
SG320-NA-V6	None	V6
SG320-NA-S8	None	S8
SG320-NA-K9	None	K9
SG320-1K-V6	Pt 1000	V6
SG320-01-V6	Pt 100	V6

Model	SG320
Part Number	See part number tables on the right for options and their full part numbers

Sensor Specifications

Type	pH
Measurement Principle	Potentiometric
Output Signal	Analog
Measurement Range	2 - 11 pH
Operating Temperature	4°C - 50°C [39°F - 122°F]
Shelf Life	12 months
Gamma Irradiated	25 - 40 kGy
Process Connection	AseptiQuik® connector
Sensor Connector	V6, S8, or K9 connector options available
Temperature Sensor	Available with Pt 100 or Pt 1000

Wetted Materials

pH Glass Electrode	Lead-free glass
Ceramic Junction	Alumina silicate
Insertion Assembly	Dimethyl silicone rubber Pt cure, USP class VI, ADI free
O-ring Seal, Sensor to Assembly	Dimethyl silicone rubber Pt cure, USP class VI, ADI free
Aseptiquik® Connector	Polysulfone, dimethyl silicone rubber Pt cure, USP Class VI, ADI free

Regulatory Compliance

USP Class VI	Yes, all wetted parts
REACH Compliant	Yes
RoHS Compliant	Yes
BSE/TSE/ADI Free	Yes

Packaging Information

Package Type Outer packaging cardboard
Package Dimensions 48.90 x 8.90 x 5.72 cm [19.25 x 3.5 x 2.25 in]
Package Weight..... < 0.5 kg [1 lb]
Double Bagged Yes
Cleanroom Bagged Yes
Cleanroom Class ISO Class 7
Storage Conditions Temperature: 5° - 35°C [41° - 95°F]
Included Accessories Not applicable
Quality Certificate Included

Origination

Country of Origin..... USA
MFR Location California, USA

Purchasing Information

Unit of Sale Each
Minimum Purchase Quantity..... Each

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