

Description

The Model SG320 is a gamma irradiated single-use pH sensor and bellows insertion assembly equipped with a AseptiQuik® connector. The SG320 is assembled and double bagged in an ISO 7 cleanroom and then gamma irradiated.

The pH sensor is a Broadley-James SU200 SingleSense® pH sensor that can be specified with optional RTD and any of three different types of sensor connector. See part number table below for choice of pH sensor connector and optional sensor RTD.

Purchase Information

Model Number	SG320
Part Number	See part number tables on the right for options and their full part numbers
Description	Gamma irradiated Single-Use pH sensor with insertion assembly and AseptiQuik® connector

Classification

Model Type	SG320 Series
Product Type	Irradiated Single-use pH sensor with Insertion Assembly

Specifications

Measurement

Type	pH
Principle	Potentiometric
Range	2–11 pH
Drift	< 0.05 pH per week

Operational Range

Temperature	1°–40°C [34°–104°F]
Pressure	0 –15 psig

Signal

Output	Analog: ± 414 mV
RTD	Available with Pt100 or Pt1000 See part number tables to the right

Sterilization

Gamma Irradiated	25-40 kGy
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Sensor Connectors

See P/N tables for options	VarioPin V6, Schott S8, Mettler Toledo K9
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Insertion Assembly Process Interface

Bellows Assembly	LePure Part Nbr MT0-BRO-4
Aseptic Connector	CPC Part Nbr AQQ17008HT



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

Part Number Tables

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

Model SG320 with AseptiQuik® Connector, with RTD		
Part Number	RTD	Sensor Connector
SG320-1K-V6	Pt1000	V6
SG320-01-V6	Pt100	V6

Product Purchasing Sheet

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Model SG320**Gamma Irradiated Single-Use pH Sensor
with Insertion Assembly and AseptiQuik® Connector****Packaging and Regulations****Packaging Information**

Package Type	Outer packaging cardboard
Package Dimensions	40.64 x 10.16 x 5.72 cm [16 in x 4 in 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°–50°C [41°–122°F] Humidity: 5–95% RH
Included Accessories	Not applicable
Quality Certificate	Included
Shelf Life Post Gamma Irradiated	12 months

Origination and Tariff Code

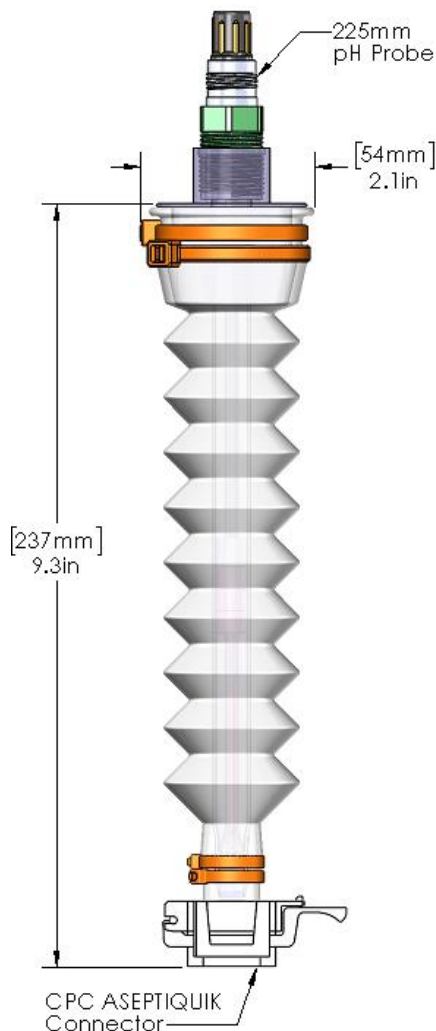
Harmonized Tariff Trade Code	9027803100
Country of Origin	USA
MFR Location	California, USA

Purchasing Information

Unit of Sale	Each
Minimum Purchase Quantity	1 Unit

Regulatory and Compliance

CE Compliant	Not applicable
RoHS Compliant	Yes
REACH Compliant	Not applicable
CFR 21-11 Compliant	Not applicable
BSE/TSE/ADI Compliant	Yes
USP Class VI Compliant	Yes, all wetted parts
FDA Material Compliant	Yes, all wetted parts



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Doc Nbr: PDS-032402 R1

Published 18 Sept 2024

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TMP-PDS-112001 R2

**North America and Pacific**Email: sales@broadleyjames.com
Web: www.broadleyjames.comPhone: +1-949-829-5555
Fax: 1-949-829-5560

19 Thomas, Irvine, CA, 92618 USA

United Kingdom and EU CountriesEmail: sales@broadleyjames.co.uk
Web: www.broadleyjames.euPhone: +44 (0)1525 862518
Fax: +44 (0)1525 862811

Wrest Park, Silsoe, Bedford MK45 4HS, UK