

Description

The SU100-16 SingleSense™ Single-Use Gas Well is designed for preinstallation in a bioprocess container (BPC) with subsequent gamma sterilization. Used with DO and pCO₂ sensors.

Purchase Information

Part Number	SU100-16
Description	Single-Use Gas Well for pre-install in BPC

Classification

Model Type	SU100
Product Type	Gas Well

Specifications

Measurement

Type	Sterile barrier, gas permeable
Principle	Sensor-specific, see sensor specifications
Range	Sensor-specific, see sensor specifications
Drift	Sensor-specific, see sensor specifications

Operational Range

Temperature	15°–50° C [60°–122° F]
Pressure	0–1550 mmHg [0–30 psig]
Flow Rate	Not applicable

Signal

Input	Sensor-specific, see sensor specifications
Output	Sensor-specific, see sensor specifications

Sterilization

Autoclavable	Not autoclavable
Steam Sterilizable	Not steam sterilizable
Gamma Sterilizable	Yes, up to 50 kGy

Connectors and Cables

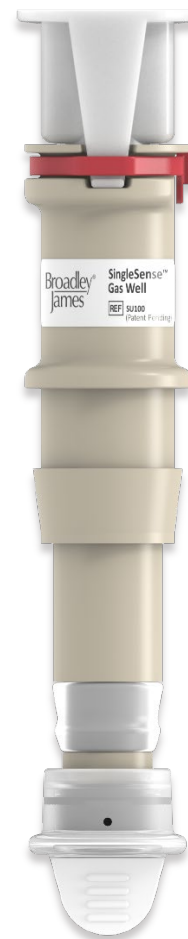
Connector	Not applicable
Cable Length	Not applicable

Process Interface

Insertion Method	1-inch Hose Barb for Gas Well Installation into BPC, Pg13.5 Threads for Sensor Installation into Gas Well
Insertion Length	17 mm [0.7 inches]

Wetted Materials

PEEK, USP Class VI, ADI-Free; Dimethyl Silicone Rubber, Pt Cure, USP Class VI, ADI-Free



SU100-16 Single-Use Gas Well

Packaging and Regulations

Packaging Information

Package Type	Cardboard box with double-bagged gas well inside
Package Dimensions	30.48 x 30.48 x 5.08 cm [12 in x 12 in x 2 in]
Package Weight	< 0.5 kg [1 lb]
Double Bagged	Yes, gas well is double-bagged
Cleanroom Bagged	Yes, inner bag only
Cleanroom Class	Class 7 Clean Air Hood
Storage Conditions	Temperature: 5°–35° C [41°–95° F]
Included Accessories	Not applicable
Quality Certificate	Included
Shelf Life	36 months
Shelf Life Post Gamma Sterilization	30 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	Each

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-112008 R2 Published 19 Nov 2021
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TMP-PDS-112001 R1



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