

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 |
| Cleanhood Bagged | Yes, inner bag only |
| Cleanhood 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 Free | Yes |
| USP Class VI Compliant | Yes, all wetted parts |
| FDA Material Compliant | Yes, all wetted parts |

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