

Technical Data Sheet

VWR® Cell Chamber

Description

Cell Chamber, 1 Layer, Surface Treated, Vent Cap, Sterilized

Purpose

Suitable for large-scale cell culture

Materials

Body: GPPS (General Polystyrene)

Color: Clear

Cap: HDPE (High-density Polyethylene)

Color: Green

Membrane: 0.22µm Hydrophobic PTFE

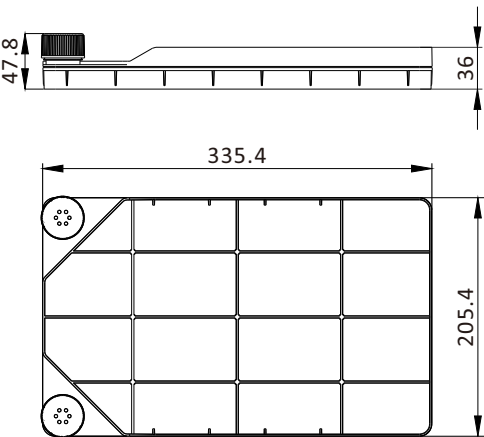
Features

- Two 26mm diameter filling ports allow direct access to chamber bottom providing greater flexibility for sterile filling and emptying by pouring, pipetting or via tubing in a fully closed system
 - Vent cap with 0.22 μm pore, hydrophobic membrane to allow gas exchange while minimizing the risk of contamination
 - Large opening design for easy pouring and aseptic filling
 - Autoclavability: No
 - 100% leak tested prior to shipping
 - Temperature range: -20°C to +50°C
 - Working volume: 130-200 mL
 - Growth area: 656 cm^2
 - Recommend working volume of dissociation solution: 15-30 mL per layer
 - DNase/RNase free & Non-pyrogenic
 - Sterilized by irradiation SAL 10^{-6} (ISO11137)
 - Shelf Life: 3 years after month of production
 - Manufactured in a class 100,000 clean room environment
 - Manufactured under ISO13485 and ISO9001 quality management system
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Dimensions (Unit: mm)



Easy to Use



Pour the media directly into the Cell Chamber System



Equilibrate by placing the Cell Chamber System on the side with the small port



Turn 90° so the filling inlet is upward, the medium will be separated, with equal amounts in each chamber



Carefully tilt the Cell Chamber System to a horizontal incubation position with the filling inlet up



Incubate following appropriate protocol



Loosen the cap and empty directly into the reservoir

VWR® Cell Chamber

VWR NA Cat. No.	VWR EU Cat. No.	Description	Sterile	Qty/Pk	Qty/Case
76045-394	734-2980	Cell Chamber, 1 Layer, Surface Treated, Vent Cap, Sterilized	SAL 10 ⁻⁶	1	8



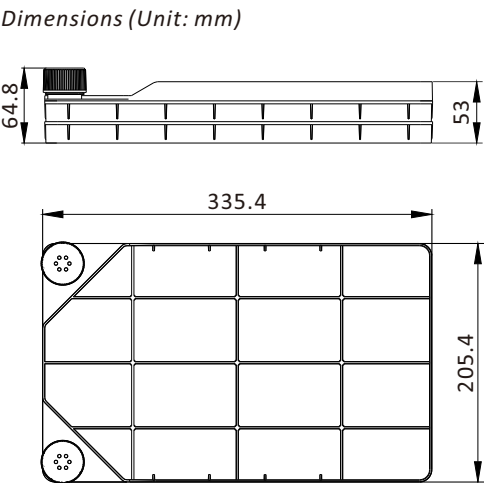
VWR® Cell Chamber

Description
Cell Chamber, 2 Layers, Surface Treated, Vent Cap, Sterilized

Purpose
Suitable for large-scale cell culture

Materials
Body: GPPS (General Polystyrene) Color: Clear
Cap: HDPE (High-density Polyethylene) Color: Green
Membrane: 0.22µm Hydrophobic PTFE

- Features**
- Two 26mm diameter filling ports allow direct access to chamber bottom providing greater flexibility for sterile filling and emptying by pouring, pipetting or via tubing in a fully closed system
 - Vent cap with 0.22 µm pore, hydrophobic membrane to allow gas exchange while minimizing the risk of contamination
 - Large opening design for easy pouring and aseptic filling
 - Autoclavability: No
 - 100% leak tested prior to shipping
 - Temperature range: -20°C to +50°C
 - Working volume: 260-400 mL
 - Growth area: 1296 cm²
 - Recommend working volume of dissociation solution: 15-30 mL per layer
 - DNase/RNase free & Non-pyrogenic
 - Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
 - Shelf Life: 3 years after month of production
 - Manufactured in a class 100,000 clean room environment
 - Manufactured under ISO13485 and ISO9001 quality management system



Easy to Use



1 Pour the media directly into the Cell Chamber System



2 Equilibrate by placing the Cell Chamber System on the side with the small port



3 Turn 90° so the filling inlet is upward, the medium will be separated, with equal amounts in each chamber



4 Carefully tilt the Cell Chamber System to a horizontal incubation position with the filling inlet up



5 Incubate following appropriate protocol



6 Loosen the cap and empty directly into the reservoir

VWR® Cell Chamber

VWR NA Cat. No.	VWR EU Cat. No.	Description	Sterile	Qty/Pk	Qty/Case
76045-410	734-2981	Cell Chamber, 2 Layers, Surface Treated, Vent Cap, Sterilized	SAL 10 ⁻⁶	1	6



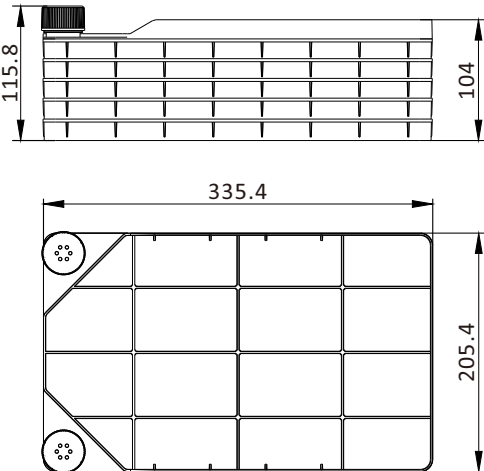
VWR® Cell Chamber

Description
Cell Chamber, 5 Layers, Surface Treated, Vent Cap, Sterilized

Purpose
Suitable for large-scale cell culture

Materials
Body: GPPS (General Polystyrene) Color: Clear
Cap: HDPE (High-density Polyethylene) Color: Green
Membrane: 0.22µm Hydrophobic PTFE

Dimensions (Unit: mm)



- Features**
- Two 26mm diameter filling ports allow direct access to chamber bottom providing greater flexibility for sterile filling and emptying by pouring, pipetting or via tubing in a fully closed system
 - Vent cap with 0.22 µm pore, hydrophobic membrane to allow gas exchange while minimizing the risk of contamination
 - Large opening design for easy pouring and aseptic filling
 - Autoclavability: No
 - 100% leak tested prior to shipping
 - Temperature range: -20°C to +50°C
 - Working volume: 650-1000 mL
 - Growth area: 3216 cm²
 - Recommend working volume of dissociation solution: 15-30 mL per layer
 - DNase/RNase free & Non-pyrogenic
 - Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
 - Shelf Life: 3 years after month of production
 - Manufactured in a class 100,000 clean room environment
 - Manufactured under ISO13485 and ISO9001 quality management system



Easy to Use

1

Pour the media directly into the Cell Chamber System

2

Equilibrate by placing the Cell Chamber System on the side with the small port

3

Turn 90° so the filling inlet is upward, the medium will be separated, with equal amounts in each chamber

4

Carefully tilt the Cell Chamber System to a horizontal incubation position with the filling inlet up

5

Incubate following appropriate protocol

6

Loosen the cap and empty directly into the reservoir

VWR® Cell Chamber

VWR NA Cat. No.	VWR EU Cat. No.	Description	Sterile	Qty/Pk	Qty/Case
76045-402	734-2982	Cell Chamber, 5 Layers, Surface Treated, Vent Cap, Sterilized	SAL 10 ⁻⁶	1	4



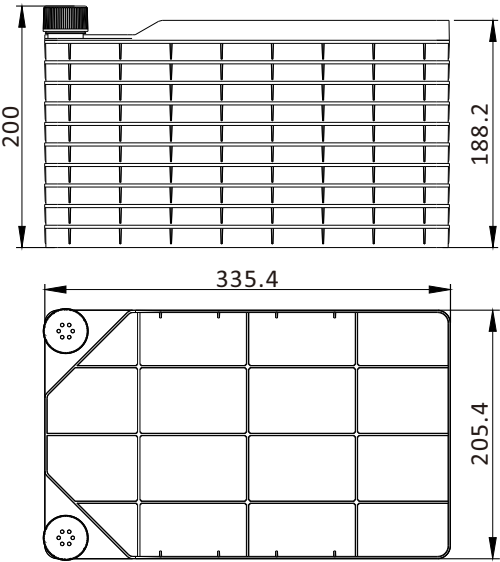
VWR® Cell Chamber

Description
Cell Chamber, 10 Layers, Surface Treated, Vent Cap, Sterilized

Purpose
Suitable for large-scale cell culture

Materials
Body: GPPS (General Polystyrene) Color: Clear
Cap: HDPE (High-density Polyethylene) Color: Green
Membrane: 0.22µm Hydrophobic PTFE

Dimensions (Unit: mm)



- Features**
- Two 26mm diameter filling ports allow direct access to chamber bottom providing greater flexibility for sterile filling and emptying by pouring, pipetting or via tubing in a fully closed system
 - Vent cap with 0.22 µm pore, hydrophobic membrane to allow gas exchange while minimizing the risk of contamination
 - Large opening design for easy pouring and aseptic filling
 - Autoclavability: No
 - 100% leak tested prior to shipping
 - Temperature range: -20°C to +50°C
 - Working volume: 1300-2000 mL
 - Growth area: 6416 cm²
 - Recommend working volume of dissociation solution: 15-30 mL per layer
 - DNase/RNase free & Non-pyrogenic
 - Sterilized by irradiation SAL 10⁻⁶ (ISO11137)
 - Shelf Life: 3 years after month of production
 - Manufactured in a class 100,000 clean room environment
 - Manufactured under ISO13485 and ISO9001 quality management system



Easy to Use



1

Pour the media directly into the Cell Chamber System



2

Equilibrate by placing the Cell Chamber System on the side with the small port



3

Turn 90° so the filling inlet is upward, the medium will be separated, with equal amounts in each chamber



4

Carefully tilt the Cell Chamber System to a horizontal incubation position with the filling inlet up



5

Incubate following appropriate protocol



6

Loosen the cap and empty directly into the reservoir

VWR® Cell Chamber

VWR NA Cat. No.	VWR EU Cat. No.	Description	Sterile	Qty/Pk	Qty/Case
76045-404	734-2983	Cell Chamber, 10 Layers, Surface Treated, Vent Cap, Sterilized	SAL 10 ⁻⁶	1	2
78649-750	734-3703	Cell Chamber, 10 Layers, Surface Treated, Vent Cap, Sterilized	SAL 10 ⁻⁶	1	3