

Принадлежности для приготовления сред CF

Технические характеристики

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Cell Factory

- 1.The product is made of medical grade USP CLASS VI polyme polystyrene
- 2.The product is made under a 100,00- class dust-free manufacturing site
- 3.Surface TC treatment ensures efficient cell attachment.
- 4.The product assembled with ultrasonic welded technology.
- 5.Versatile port design facilitates both pouring and aseptic filling techniques
- 6.Gamma radiation sterilization.
- 7.The cell culture surface area of one 10-layer Cell Factory unit is equivalent to the area of 36 T-175 flasks.

Order Information

Double Wide Mouth					
P/N	Layer	Cultivation (cm ²)	Work Volume (ml)	Qty/Pk	Pk/Cs
CF01W	1	656	200	1	4
CF02W	2	1296	400	1	4
CF05W	5	3216	1000	1	4
CF10W	10	6416	2000	1	2
CF101W	10	6416	2000	1	6
CF40W	40	25295	8000	1	2

One Wide Mouth And One Narrow Mouth					
P/N	Layer	Cultivation (cm ²)	Work Volume (ml)	Qty/Pk	Pk/Cs
CF01D	1	656	200	1	4
CF02D	2	1296	400	1	4
CF05D	5	3216	1000	1	4
CF10D	10	6416	2000	1	2
CF101D	10	6416	2000	1	6
CF40D	40	25295	8000	1	2

Double Narrow Mouth					
P/N	Layer	Cultivation (cm ²)	Work Volume (ml)	Qty/Pk	Pk/Cs
CF01N	1	656	200	1	4
CF02N	2	1296	400	1	4
CF05N	5	3216	1000	1	4
CF10N	10	6416	2000	1	2
CF101N	10	6416	2000	1	6
CF40N	40	25295	8000	1	2

Why Cooperate With Us?

At our state-of-the-art facility, we revolutionize cell culture vessel production with our innovative Cell Factory. Our products are manufactured from medical grade USP CLASS VI polystyrene and are designed to meet the highest quality and safety standards. Our commitment to excellence is reflected in every aspect of the manufacturing process, from underground dust-free production sites to advanced surface TC treatments that ensure efficient cell attachment.

Each unit is carefully crafted using ultrasonic welding technology to ensure a safe, seamless structure. This not only ensures the integrity of the product but also enhances its durability, making it a reliable choice for long-term cell culture applications. In addition, the multi-function port design facilitates pouring and aseptic filling techniques, providing convenience and efficiency in the laboratory environment.

Our product has a cell culture surface area equivalent to 36 T-175 flasks in a single 10-tier unit, providing unparalleled scalability and efficiency. This enables researchers and scientists to streamline their cell culture processes, saving time and resources while maximizing productivity. Additionally, our commitment to safety is demonstrated in our gamma sterilization process, ensuring each cell factory unit is free of contaminants and used immediately upon arrival.

Our cell factories represent the pinnacle of innovation and quality in cell culture vessels. With a focus on precision engineering, advanced technology and strict safety standards, our products are designed to meet the diverse needs of modern laboratories and research facilities. By choosing our cell factories, customers can be confident in the reliability, efficiency and scalability of their cell culture operations, paving the way for breakthrough discoveries and advances in scientific research.

Cell Factory

Huayi Cell Factory is a robust and easy-to-use cell culture platform for applications in the production of human and animal vaccines, therapeutic proteins, cell therapy, and gene therapy.

To address the needs of your workflow, We have three kinds of mouth, which is available on most cell culture products to ensure consistent performance from lot to lot and from format to format.

Specifications : 1 layer , 2 layers , 5 layers , 10 layers and 40 layers.

PRODUCT FEATURES

- ▶ The product is made of medical grade USP CLASS VI polymer polystyrene.
- ▶ The product is made under a 100,000- class dust-free manufacturing site.
- ▶ Surface TC treatment ensures efficient cell attachment.
- ▶ The product assembled with ultrasonic welded technology.
- ▶ Versatile port design facilitates both pouring and aseptic filling techniques.
- ▶ Gamma radiation sterilization.
- ▶ the cell culture surface area of one 10-layer Cell Factory unit is equivalent to the area of 36 T-175 flasks.



Ultrasonic welded technology



Vent / Plug seal cap



Double aseptic packing



Double Wide Mouth

P/N	Layer	Cultivation area (cm ²)	Work Volume(ml)	/PK	/Case
240100	1	656	200	1	4
240200	2	1296	400	1	4
240300	5	3216	1000	1	4
240400	10	6416	2000	1	2
240500	10	6416	2000	1	6
240600	40	25295	8000	1	2

One Wide Mouth And One Narrow Mouth

P/N	Layer	Cultivation area (cm ²)	Work Volume(ml)	/PK	/Case
240110	1	656	200	1	4
240210	2	1296	400	1	4
240310	5	3216	1000	1	4
240410	10	6416	2000	1	2
240510	10	6416	2000	1	6
240610	40	25295	8000	1	2

Double Narrow Mouth

P/N	Layer	Cultivation area (cm ²)	Work Volume(ml)	/PK	/Case
240120	1	656	200	1	4
240220	2	1296	400	1	4
240320	5	3216	1000	1	4
240420	10	6416	2000	1	2
240520	10	6416	2000	1	6
240620	40	25295	8000	1	2

Cell Culture Dish

Cell Culture Dish provide Excellent surface smoothness gives clear microscopic observation.

Specifications : 35mm , 60mm , 100mm , 150mm

PRODUCT FEATURES

- ▶ The product is made of medical grade USP CLASS VI polymer polystyrene.
- ▶ The product is made under a 100,00- class dust-free manufacturing site.
- ▶ Two kinds of product line up are providing.
 - ▶ For adherent cell culture: Initial adherence and proliferative property of cells via hydrophilic surface treatment.
 - ▶ For suspension cell culture: The surface is resistant to cell adherence, which minimizes damage or loss of cell.
- ▶ Gamma radiation sterilization.
- ▶ Non-Pyrogenic, DNase/Rnase free.



Four salient point



Smooth bottom



Non-treated Cell Culture Dish,For suspension cell culture

P/N	Diameter(mm)	Height (mm)	Cell Growth Area (cm ²)	Qty/Pk	Qty/Cs
231101	35	12	8.5	10	500
231201	60	15	22	10	500
231301	100	20	60	10	300
231400	150	25	150	5	100

Tissue Culture Treated Dish,For adherent cell culture

P/N	Diameter(mm)	Height (mm)	Cell Growth Area (cm ²)	Qty/Pk	Qty/Cs
230101	35	12	8.5	10	500
230201	60	15	22	10	500
230301	100	20	60	10	300
230400	150	25	150	5	100

Cell Culture Plate



Cell Culture Plate provide excellent smoothness and uniformity based on accurate molding technology. By such property, clear view can be available when examine with a microscope.

Specifications : 6wells , 12wells , 24wells , 48wells , 96wells

PRODUCT FEATURES

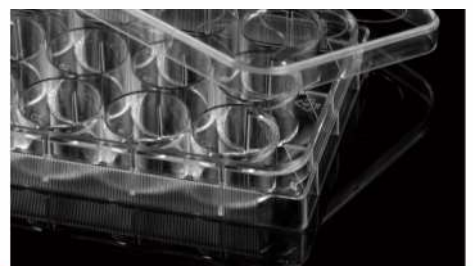
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 - ▶ For suspension cell culture: The surface is resistant to cell adherence, which minimizes damage or loss of cell.
- ▶ Gamma radiation sterilization.
- ▶ Non-Pyrogenic, DNase/Rnase free.



Alpha code



Deslicking treatment



Smooth bottom



Non-treated Cell Culture Plate,For suspension cell culture

P/N	Well	Cell Growth Area (cm ²)	Volume	Bottom	Qty/Pk	Qty/Cs
221100	6	9.5	16ml	Flat	1	50
221200	12	3.6	6.5ml	Flat	1	50
221300	24	1.9	3.4ml	Flat	1	50
221400	48	0.88	1.3ml	Flat	1	50
221500	96	0.4	0.4ml	Flat	1	100

Tissue Culture Treated Plates,For adherent cell culture

P/N	Well	Cell Growth Area (cm ²)	Volume	Bottom	Qty/Pk	Qty/Cs
220100	6	9.5	16ml	Flat	1	50
220200	12	3.6	6.5ml	Flat	1	50
220300	24	1.9	3.4ml	Flat	1	50
220400	48	0.88	1.3ml	Flat	1	50
220500	96	0.4	0.4ml	Flat	1	100

Cell Culture Flask

Cell Culture Flask surface is very smooth based on precise molding technology and it gives clear view when examined with microscope.

Volume : 25mL , 75mL , 175mL , 225mL

PRODUCT FEATURES

- ▶ The product is made of medical grade USP CLASS VI polymer polystyrene.
- ▶ The product is made under a 100,00- class dust-free manufacturing site.
- ▶ Two kinds of product line up are providing.
 - ▶ For adherent cell culture: Initial adherence and proliferative property of cells via hydrophilic surface treatment.
 - ▶ For suspension cell culture: The surface is resistant to cell adherence, which minimizes damage or loss of cell.
- ▶ Large mouthed design makes easy operation of pipet or cell scraper. The surface of flask is uniform and smooth, hence the clear view can be obtained when microscopic observation.
- ▶ The hydrophobic filter cap can prevent invasion of fungi and bacteria without water absorb.
- ▶ Gamma radiation sterilization.
- ▶ Non-Pyrogenic, DNase/Rnase free.



Vent cap and plug seal cap



Scale line on side of flask



Smooth bottom



Tissue Culture Treated Flask,For adherent cell culture

P/N	Culture area(cm²)	Capacity(ml)	Cap	Qty/Pk	Qty/Cs
210100	25	50	Vent Cap	10	200
210110	25	50	Plug Seal Cap	10	200
210200	75	250	Vent Cap	5	100
210210	75	250	Plug Seal Cap	5	100
210300	175	750	Vent Cap	5	30
210310	175	750	Plug Seal Cap	5	30
210400	225	950	Vent Cap	5	25
210401	225	950	Vent Cap	3	18
210410	225	950	Plug Seal Cap	5	25
210500	150	600	Vent Cap	5	30
210510	150	600	Plug Seal Cap	5	30
210600	5layers*175	3750	Vent Cap	1	8
210610	5layers*175	3750	Plug Seal Cap	1	8

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