

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

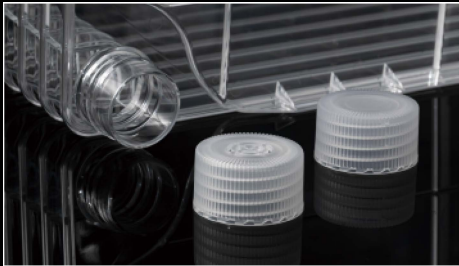
Specifications : 1 layer , 2 layers , 5 layers , 10 layers and 40 layers.

PRODUCT FEATURES

- ▶ The product is made of medical grade USP CLASS VI polymer polystyrene.
- ▶ The product is made under a 100,00- 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 (cm²)	Work Volume(ml)	/PK	/Case
240100		656	200		4
240200	2	1296	400		4
240300	5	3216	1000		4
240400	10	6416	2000		2
240500	10	6416	2000		6
240600	40	25295	8000		2

One Wide Mouth And One Narrow Mouth

P/N	Layer	Cultivation area (cm²)	Work Volume(ml)	/PK	/Case
240110		656	200		4
240210	2	1296	400		4
240310	5	3216	1000		4
240410	10	6416	2000		2
240510	10	6416	2000		6
240610	40	25295	8000		2

Double Narrow Mouth

P/N	Layer	Cultivation area (cm²)	Work Volume(ml)	/PK	/Case
240120		656	200		4
240220	2	1296	400		4
240320	5	3216	1000		4
240420	10	6416	2000		2
240520	10	6416	2000		6
240620	40	25295	8000		2

Cell Culture Dish

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

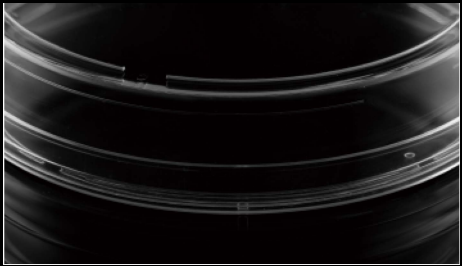
Specifications : 35mm , 60mm , 100mm , 150mm



Four salient point

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.



Smooth bottom

Non-treated Cell Culture Dish,For suspension cell culture

P/N	Diameter(mm)	Height (mm)	Cell Growth Area (cm²)	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

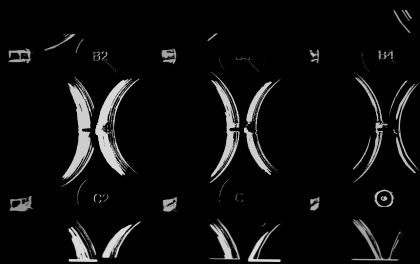
Tissue Culture Treated Dish,For adherent cell culture

P/N	Diameter(mm)	Height (mm)	Cell Growth Area (cm²)	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



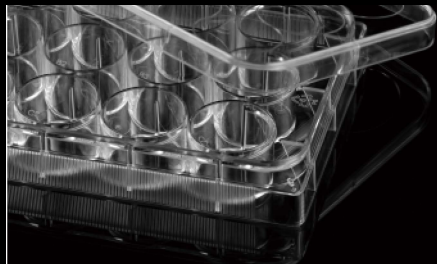
Alpha code

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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		50
221200	12	3.6	6.5ml	Flat		50
221300	24	1.9	3.4ml	Flat		50
221400	48	0.88	1.3ml	Flat		50
221500	96	0.4	0.4ml	Flat		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		50
220200	12	3.6	6.5ml	Flat		50
220300	24	1.9	3.4ml	Flat		50
220400	48	0.88	1.3ml	Flat		50
220500	96	0.4	0.4ml	Flat		100

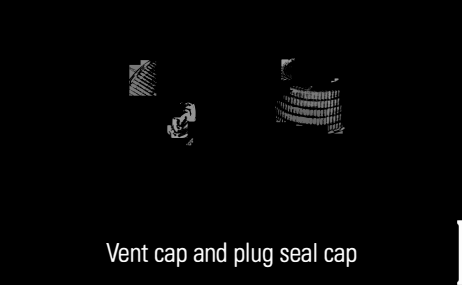
Cell Culture Flask

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

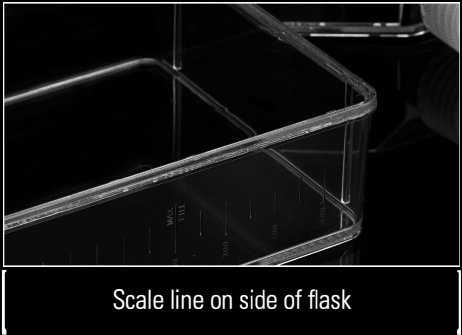
Volume : 25mL , 75mL , 175mL , 225mL

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- 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		8
210610	5layers*175	3750	Plug Seal Cap		8