



PakGent cell factory is suitable for the production of human and animal vaccines, the therapeutic proteins, cell therapy and gene therapy products.

PakGent Cell Factory offers standard large mouth cell factory systems. It is convenient for customers to seamlessly switch between manual R&D operations and large-scale closed production. The standard large-mouth cell factory adopts a large-mouth design, which facilitates rapid perfusion, emptying and balancing of liquids, and also provides better ventilation conditions for cell culture.

Key advantages

- No adhesive or solvent—Advanced technology, based on imported cell factory ultrasonic welding and corona technology, with good biological safety and good cell compatibility.
- Adapt to your workflow—for aseptic processes, direct plug-and-play port options enable you to optimize your process with confidence; versatile port design facilitates both pouring and aseptic filling techniques.

Benefits

- Offered with 1, 2, 4, 10, and 40 layers.
- Sterility by gamma irradiation and 100% inspection for particulates.
- Plug-and-play port for aseptic connections.
- Reduced risk of pressure buildup with venting caps.
- Compatibility with Cell Factory equipment.
- Number of large ports to promote cell growth.



- Maximize cell and product yield, and enhance your workflow productivity.

- PakGent Cell Factory systems are designed for a variety of biological and commercial applications, with a certified sterility assurance level of 10^{-6} .

Part No.	Layer	Nominal dimensions	Cell culture area	TC-treated	Ports	sterile	Pack
CL-MC01	1	335 x205 x 36 mm	632cm ²	✓	large ports	✓	6/case
CL-MC02	2	335 x 205 x 53 mm	1264cm ²	✓	large ports	✓	6/case
CL-MC04	4	335 x 205 x 87 mm	2526cm ²	✓	large ports	✓	6/case
CL-MC10	10	335 x 205 x 189 mm	6316cm ²	✓	large ports	✓	6/case
CL-MC40	40	335 X205 x 698 mm	25265cm ²	✓	large ports	✓	2/case

Cell Factory accessories

- Complying with the requirements of cell therapy guidelines, a fully verified semi-closed/closed system is provided.
- Seamlessly integrates with PakGent fluid solution products to increase the ease of use of the culture process.

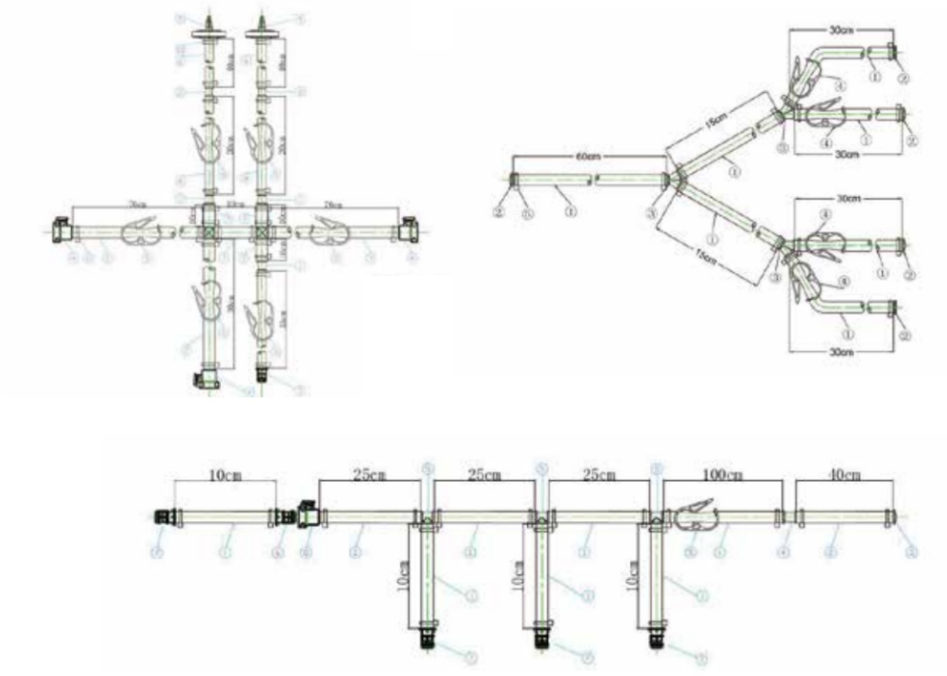


Part No.	CFA-38P-F	CFA-14P-F	CFA-38S-F	CFA-14S-F
Description	3/8 MCP Insert , 75cm C-Flex tube ASSY accessory	1/4 MCP Insert , 75cm C-Flex tube ASSY accessory	3/8 MCP Insert , 75cm silicone tube ASSY accessory	1/4 MCP Insert , 75cm silicone tube ASSY accessory
Pack	1EA	1EA	1EA	1EA



Part No.	CFA-022-F	CFA-022A-F	CFA-38P-AF	CFA-38S-AF
Description	0.22um Butterfly filter ASSY accessory	0.22um Bag filter ASSY accessory	3/8 MPC and CF C-Flex tube quick connector ASSY accessory	3/8 MPC and CF Silicone tube quick connector ASSY accessory
Pack	1EA	1EA	1EA	1EA

Cell factory closed system pipeline Datasheet



All certificates / test by third party

- Endotoxin: Pony test
- USP88: Eurofins Medical Device Testing
- USP88 test cover Intracutaneous Reactivity test
 - Subcutaneous Implantation test
 - Acute Systemic Toxicity test in Mice
- ISO10993-1:2018
 - Part1: Evaluation and testing with a risk management process
- ISO10993-2:2022
 - Parts2: Animal welfare requirements
- ISO10993-12:2021
 - Part12: Sample preparation and reference materials
- USP-NF- < 151 > test (2017)
 - ASTM F756-17: Standard Practice for Assessment of Hemolytic Properties of Materials
 - ASTM F619-20: Standard Practice for Extraction of Medical Plastics
- All these test are done by Eurofins Medical Device Testing
- Three cell culture test by Wuxi Aptec
 - L-929.V-79.MRC-5
- PS raw material TSE / BSE statement
- USP87 and USP88 cover all parts of Cell Factory
- ISO10993-4:2017
 - Part4: Selection of tests for interactions with blood
- ISO10993-11:2017
 - Part11: Tests for systemic toxicity

PakGent[®]

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