

Launch of BioOptimal™ MF-SL Microfilters for Bioprocessing

Asahi Kasei Medical Co., Ltd. is pleased to announce the commercial launch on August 1 of BioOptimal™ MF-SL, its new range of microfilters for bioprocessing applications. Designed specifically for use in cell culture clarification applications, BioOptimal™ MF-SL filters enable biopharmaceutical manufacturers to improve the efficiency and effectiveness of their protein harvest step.

Developed using Asahi Kasei's unique technology base in hollow-fiber filtration and polymer science, BioOptimal™ MF-SL filters offer superior filtration performance that results in faster processing times and higher-quality protein streams, even when filtering high-density cell culture solutions. The unique hollow-fiber membrane structure used in BioOptimal™ MF-SL filters enables gentle processing of cells and proteins in tangential flow mode, which reduces the burden on subsequent processing steps, and additionally makes BioOptimal™ MF-SL filters suitable for use in perfusion-based fermentation processes.

The key features of BioOptimal™ MF-SL are as follows:

1. High throughput and fast processing times.
2. Excellent filter performance even with high-density cell culture.
3. High clarity of filtrate, even with highly turbid cell culture.
4. Availability of various surface area sizes, making for easy scalability.
5. Chemically stable polysulfone membrane, compatible with industry standard cleaning and sterilization processes.

About Asahi Kasei Medical

As a part of the Asahi Kasei Group's sharpening focus on healthcare-related fields, Asahi Kasei Medical is steadily developing its range of advanced manufacturing solutions for the bioprocess industry. The company is the established global market leader in virus filtration products, with its Planova™ virus removal filters having an unrivalled 20 year history of trusted use in the production of biotherapeutics. An innovative line-up of equipment solutions for bioprocessing—including chromatography equipment, in-line buffer dilution systems, and virus filtration and integrity test skids—are also available from its wholly owned US subsidiary Asahi Kasei Bioprocess, Inc. The launch of BioOptimal™ MF-SL filters marks a notable addition to Asahi Kasei Medical's range of unique products that continue to provide heightened reliability and efficiency in bioprocessing.

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