

## BioHub® Magnetic Separator

Immunomagnetic beads are uniform, spherical particles with superparamagnetic properties and a protective shell. Immunomagnetic bead technology and its industrial applications have become a popular research direction. By coupling with different immune ligands, these beads can be applied to various complex techniques such as cell sorting, immunoassays, nucleic acid separation, and protein purification. They are widely used in clinical medicine, life sciences, and microbiological detection.

A magnetic stand or separator is a permanent magnet that provides a separation magnetic field for magnetically labeled cells. The magnetic stand can sort cells bound to magnetic beads and remove magnetic beads from cultured cells.

### Product Features:

- **Lightweight Design**  
Compact and weighing only 12.3 kg, it greatly enhances ease of operation and transportation, making research and medical work more efficient.
- **Flexible Separation Volume**  
Static sorting volume ranges from 50 to 330 mL, with continuous separation capacity exceeding 10 L.
- **Powerful Main Magnet Performance**  
With over 8000 Gauss and dimensions of 170\*210 mm, the main magnet ensures a tight bond between beads and cells, improving sorting efficiency.
- **Adjustable Angle**  
The main magnet adjusts every 15°, allowing optimal sorting angles to enhance efficiency.
- **User-friendly Rotation and Installation**  
The main magnet can be rotated 180°, with multiple mounting positions for hanging rods, adapting to various environments and needs.
- **Secondary Magnetic Capture**  
Captures residual beads missed during initial capture, improving sorting purity and accuracy.
- **Excellent Compatibility**  
The secondary magnet tube clamp fits test tubes of various diameters, offering greater flexibility for research.



BioHub® Magnetic Separator

## Product Parameters:

|                              |                         |                                   |
|------------------------------|-------------------------|-----------------------------------|
| <b>Device Specifications</b> | Dimensions              | 300 mm×294 mm×318 mm              |
|                              | Weight                  | 12.3 kg                           |
| <b>Main Magnet</b>           | Weight                  | 6.35 kg                           |
|                              | Dimensions              | 170 mm*210 mm*10 mm               |
|                              | Magnetic Field Strength | > 8000 Gs                         |
|                              | Rod Length              | 700 mm                            |
|                              | Rotatable Angle         | Adjustable every 15°              |
| <b>Secondary Magnet</b>      | Max. Bag Size           | 184 mm*204 mm*10 mm               |
|                              | Dimensions              | 46 mm (diameter) x 80 mm (height) |

## Ordering Information:

| Product Name               | Cat. No.     |
|----------------------------|--------------|
| BioHub® Magnetic Separator | BLKHANDMAG01 |

## About BioLink

BioLink is a group of technology-driven businesses that provide process solutions in the life sciences industry. The company focuses on the development and production of the key processing equipment and consumables used in the manufacturing process of recombinant protein drugs, vaccines, antibodies, cell therapies, gene therapies, and other biological products. BioLink's portfolio of offerings covers the entire upstream and downstream bioprocess such as cell culture, single-use mixing and storage, chromatography, filtration (ultrafiltration/diafiltration, clarification, and virus removal), and hydration products, as well as process development services. BioLink is committed to providing customers with high-quality, innovative products and solutions and strives to build an efficient, safe and competitive biopharmaceutical supply chain eco-system.

 [info@biolink.com](mailto:info@biolink.com)

BioLink is the trademark of all operating companies offering services of Bio-Link Biological Applied Technologies (Shanghai) Co., Ltd.; BioHub is the registered trademark of BioLink products.

© 2024 All sales of products and services must abide by the terms and requirements of sale of all BioLink operating companies.

BioLink provides sales and application support for all products. BioLink reserves the right to change the quantities and functions described in this document. For the latest information, please contact BioLink.

Document No.: BLK-BR-20240712-01-EN