



无菌碟片离心机 ASEPTIC CENTRIFUGE SEPARATOR





专注生物医药工艺
无菌碟片分离技术

**Specializing in sterile disc
separation technology
for biopharmaceutical
processes**

Centrifugal System Comprehensive Solution

离心系统综合解决方案



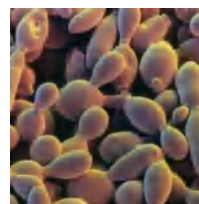
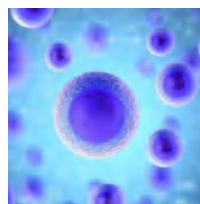
满足CIP/SIP
无菌设计,符合ASMEBPE/FDA标准
提供完整的验证体系文件
依托欧洲成熟的产品技术平台,运行更加稳定
中国制造,专业化团队提供专业技术服务和质量保障

Meet CIP/SIP requirements
Aseptic design, compliant with ASME BPE/FDA standards
Provide complete validation system documentation
Based on a mature European product technology platform for more stable operation
Made in China, professional team providing technical services and quality assurance

典型应用

TYPICAL APPLICATIONS

- | | | | |
|---------|---------|-------------------|------------------------------|
| • 胰岛素类 | • 疫苗 | • Insulin analogs | • Vaccines |
| • 微球 | • IVD | • Microspheres | • IVD (In Vitro Diagnostics) |
| • 生长因子类 | • 血液制品 | • Growth factors | • Blood products |
| • 益生菌 | • 单克隆抗体 | • Probiotics | • Monoclonal antibody |
| | • 酶制剂 | | • Enzyme preparations |



LAB 系列

专为中小型实验设计

Designed for Small to
Medium-Sized
Experiments

产品特点

- 空间占用小
- 操作方便
- 适合10~100L小流量的处理
- 分离因数高达16000g
- 适合中试到大生产的线性放大

PRODUCT FEATURES

- Small footprint
- Easy to operate
- Suitable for processing small flow rates of 10 to 100 liters
- High separation factor up to 16000g
- Suitable for linear scale-up from pilot to large-scale production

DSL200H

处理量/processing capacity:	10-100L/H
分离因数/factorization:	16000g
总重量/total weight:	210KG
电机功率/motor power:	5.5Kw
转速/rotation speed:	12000rpm
转股容积/conversion volume:	1.5L
渣腔容积/slag cavity volume:	0.85L
尺寸规格/dimensions/specifications:	950*600*925
内部表面光洁度/internal surface finish/smoothness:	Ra0.4

Aseptic Continuous Flow Chamber Centrifuge

产品特点

DC无菌连续流腔室离心机, 为血液制品行业、胶原提取和多肽晶体收集分离特殊设计, 满足CIP/SIP功能。

PRODUCT FEATURES

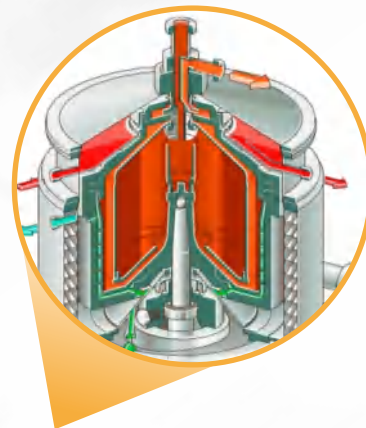
DC Aseptic Continuous Flow Chamber Centrifuge, specially designed for the blood products industry, collagen extraction, and peptide crystal collection and separation, meeting CIP/SIP functionality.

型号/Model:	DC10/30/50
最大分离因数/largest prime factor:	10000g
电机功率/Motor power:	1.5/7.5/22Kw
转速/Speed:	8300/6600/5600rpm
材质/material:	10/30/50L
内部表面光洁度/Internal surface cleanliness:	Ra0.4



胶原

Collagen



Aseptic Intermittent Slag Discharge Continuous Flow Centrifuge

产品特点

DS无菌间歇排渣连续流离心机, 广泛应用于大肠杆菌, 毕赤酵母, 昆虫细胞, 哺乳动物细胞, 微球, 益生菌的分离和浓缩应用。

PRODUCT FEATURES

DS aseptic intermittent slag discharge continuous centrifuge, widely used in the separation and concentration applications of *Escherichia coli*, *Saccharomyces cerevisiae*, insect cells, mammalian cells, microspheres, and probiotics.

型号/Model:	DS250/350/400/450/550/650
最大分离因数/largest prime factor:	16000g
电机功率/Motor power:	5.5/7.5/11/18.5/22/37/55KW
转速/Speed:	10450/8300/7200/6600/5600/3900RPM
材质/material:	316L/Duplex Steel
内部表面光洁度/Internal surface cleanliness:	Ra0.4



碟片剖析图
Disc section diagram



直连驱动离心机
Direct drive centrifuge



皮带驱动离心机
Belt-driven centrifuge

DN 系列

无菌连续流喷嘴离心机

Aseptic continuous flow nozzle centrifuge

产品特点

DN无菌连续流喷嘴离心机, 为生物医药行业高密度的毕赤酵母澄清特殊设计, 满足CIP/SIP功能。

PRODUCT FEATURES

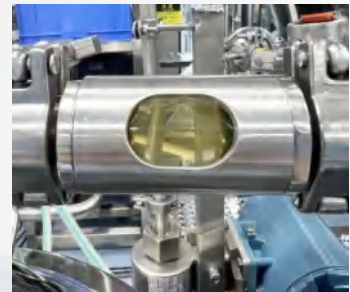
DN aseptic continuous flow nozzle separator with a special design for high-density *Pichia pastoris* in the biomedical industry and meets CIP/SIP functions.

型号/Model:	DN350/450/550
最大分离因数/largest prime factor:	14000g
电机功率/Motor power:	7.5~55Kw
转速/Speed:	4800~8500rpm
转股容积/conversion volume:	7~78L
材质/material:	316L
内部表面光洁度/Internal surface cleanliness:	Ra0.4



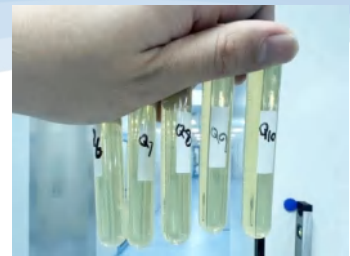
发酵原液

Fermentation starter



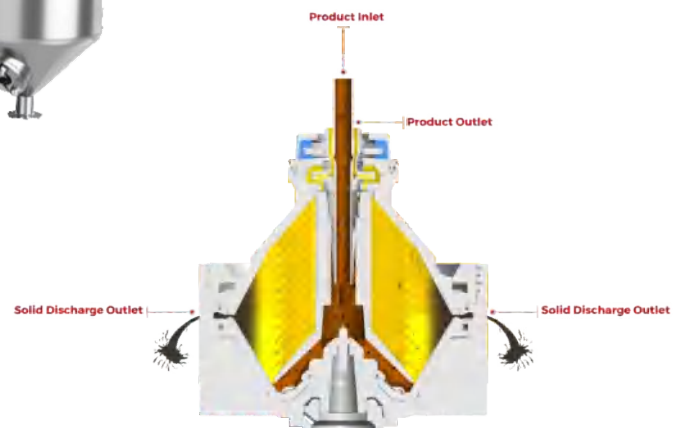
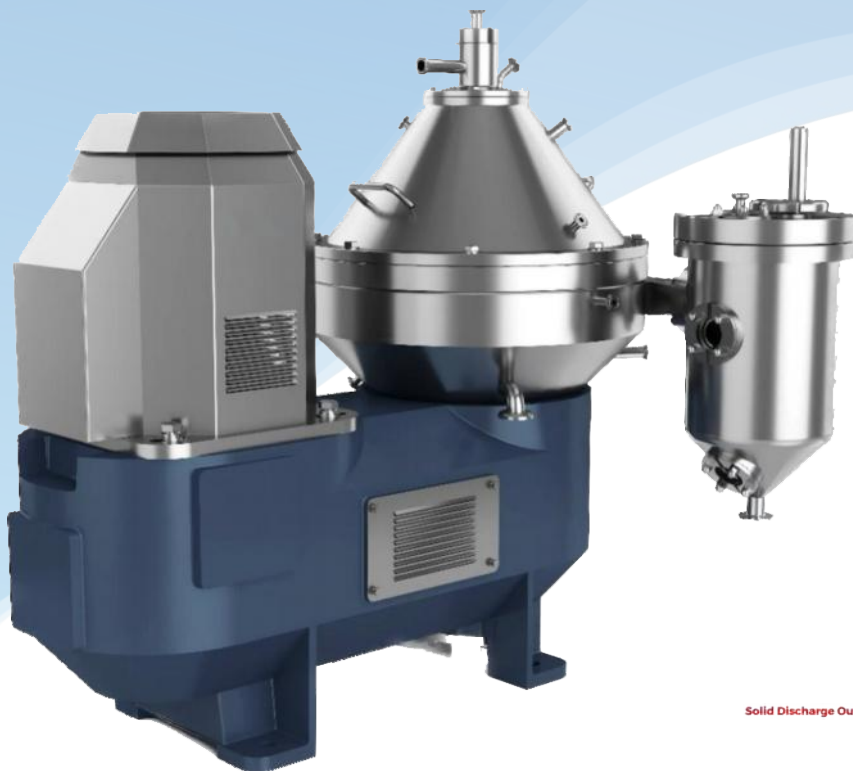
离心上清液

Centrifuged supernatant



上清液取样

Sampling of the supernatant





碟片分离系统综合解决方案 **Disc Separation System Comprehensive Solution**



团队优势

- 对生物制药工艺的深刻理解
- 成熟的技术平台
- 完整的验证文件体系
- 本地化生产及服务团队

TEAM ADVANTAGE

- Deep Understanding of Biopharmaceutical Processes
- Mature Technology Platform
- Comprehensive Validation Documentation System
- Localized Production and Service Team



行业应用 Industry Applications

CHO哺乳动物的细胞分离
Separation of CHO mammalian cells

大肠杆菌破碎液澄清分离
Clarification and separation of E. coli lysate

毕赤酵母分离
Isolation of *Saccharomyces cerevisiae* (Baker's yeast)

肺炎球菌分离
Separation of *Streptococcus pneumoniae*

微球收集和换液
Collection and exchange of microspheres

MDCK细胞的澄清分离
Clarification and separation of MDCK cells

益生菌离心收集
Centrifugal collection of probiotics

鸡胚尿囊液离心澄清
Centrifugation and clarification of chicken embryo allantoic fluid

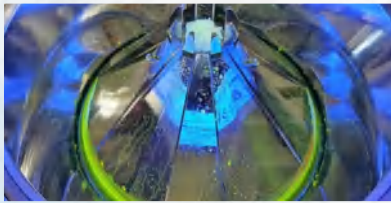
支原体离心分离
Centrifugal separation of mycoplasma

Vero细胞分离
Isolation of Vero cells

血浆分离
Plasma separation

肝素钠离心分离
Centrifugal separation of heparin sodium

多肽晶体收集
Collection of peptide crystals



碟片满焊技术
disc full welding technology



Separation & Technology

无菌碟片离心机 ASEPTIC CENTRIFUGE SEPARATOR

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