

MicroCap Pro™ Depth Filter Capsules

Uniquely Flexible to Meet Your Processing Needs

MicroCap Pro™ is a single-use filtration system for production-scale processing.

The MicroCap™ Pro system is a versatile solution for:

- Pilot-scale processing
- Production-scale processing
- Converting to a single-use system

ErtelAlsop MicroMedia™ is at the heart of the MicroCap single-use system.

Choose from a variety of grades including: Celpure®, High Purity Diatomaceous Earth, High Purity Cellulose, and MicroClear™ Activated Carbon.



Features	Benefits
UNIVERSAL CAPSULES	3 sizes retrofit most other company chassis
PREMIER MEDIA	Get consistent, repeatable results, low extractables, and maximum throughput
SCALABLE & VERSATILE	Fits your needs as they grow or change
ERGONOMIC	Easy to set up, use, and change out
COMPLETELY DISPOSABLE CAPSULES	Simpler and safer, one-time validation saves time and cost

GMP (Good Manufacturing Practices)

The MicroCap Pro system helps implement GMP, ensuring compliance with FDA regulation standards of pharmaceutical quality (Current Good Manufacturing Practice regulations), as well as many other agency guidelines.

Typical Applications

- Pre-membrane phases
- Post-fermentation phases
- Harvest separation
- Clarification
- Mammalian cell cultures
- Cell lysates
- Vaccines
- Blood plasma proteins and serum
- Media
- Virus removal

ANATOMY OF MICROCAP PRO™ VERSATILE SIMPLICITY



The MicroCap Pro system is made up of three parts: **chassis, capsule, and media**. We take pride in an ergonomically designed chassis developed for total ease of use and optimal safety. Our capsules fit seamlessly with other single-use chassis, making our system uniquely scalable and flexible. Take advantage of ErtelAlsop's premium media, featuring high-purity Celpure® diatomite and immobilized activated carbon for increased throughput and consistency you can trust.

Filter Area	
MicroCap Pro Capsule	Single/Double Layer (m ²)
MCP3	0.66
MCP5	1.09
MCP7	1.53



MicroCap Pro capsule MCP7



Media layers inside capsule MCP3



Capsules loaded into chassis

High-Performance Media Pharmaceutical Grade MicroMedia™ Filter Sheets

Our media has naturally higher void volume, enhancing throughput.

- **XL Series** | Single-layer cellulose with high-purity filter aid
- **DXL Series** | Double-layer cellulose with high-purity filter aid
- **PXL Series** | Double-layer cellulose with P200 protective layer
- **DLP Series** | Delipid filter media
- **MicroClear** | Single-layer cellulose with activated carbon