

ERTELALSOP

THE FIRST NAME IN LIQUID FILTRATION

MICROCAP™ LABORATORY CABINET CONTAINING MICROCAP™ SINGLE-USE DEPTH FILTER CAPSULES

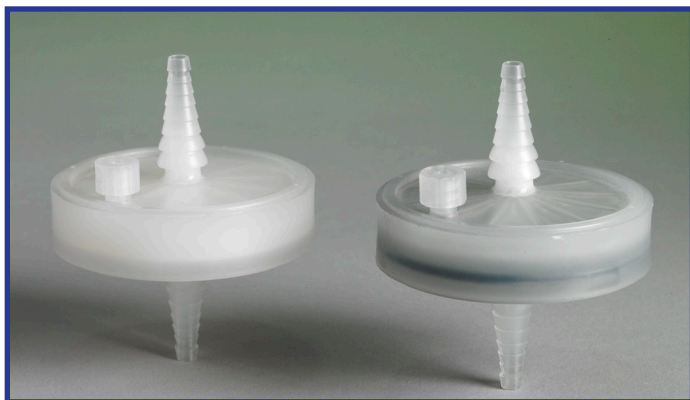
For over 80 years, ErtelAlsop has been a leader in developing, and manufacturing cellulose filter media for the Life Science industry. With single-use technology on the rise, our new MicroCap Laboratory Cabinet has been created to simplify filtration and separation trials for research and development, as well as, process development laboratories. This attractive and well organized Cabinet easily stores the filters you require.

The MicroCap™ suite of single-use capsules provide a uniquely flexible line of disposable depth filter products designed for optimizing and developing processes during scale-up and scale-down studies. The MicroCap 22 capsule enables quick and efficient determination of appropriate media grades in providing the best filtration performance as well as required filtration area to meet process volumes.

Each MicroCap Laboratory Cabinet is supplied with forty-eight MicroCap 22 capsules in twelve different grades ranging from a nominal 15 micron to 0.2 micron. All supplied capsules contain 22.5 cm² (3.48 in²) of filtration area per capsule. These easy to use capsules allow users to test a comprehensive range of depth filter media and efficiently determine the right solution for their process needs.



UNIQUELY FLEXIBLE



MicroCap 22
XL Series (right), MicroClear™ Series (left)



APPLICATIONS

MicroCap capsules are designed for small volume processing of:

- Primary separations/pretreatment
- Secondary clarification
- Cell culture harvest
- Cell culture clarification
- DNA removal
- Endotoxin reduction
- Host Cell Protein (HCP) reduction
- Protein aggregate removal
- Decolorization

PERFORMANCE

The MicroCap Laboratory Cabinet incorporates ErtelAlsop's MicroCap capsules each containing our high performance XL Series, and select MicroMedia series grades of depth filter media to provide the optimum balance of dirt holding capacity and throughput. Containing a high performance grade of diatomaceous earth filter aid, coupled with a strong positive zeta potential, ErtelAlsop's XL media capsules provide superior contaminant retention. The XL Series of depth filter media exhibits 2-5 times the throughput of competitive media while maintaining equivalent or better product clarity.

RELIABILITY

As with all ErtelAlsop depth filter products the MicroCap capsules provide performance consistency and lot to lot traceability all in an easy-to-use format. All MicroCap capsules are batch tested in order to meet all quality requirements and meet all applicable USP requirements including the Class VI Plastics.

SCALABILITY

The MicroCap series of single-use capsules contain six easily scalable sizes of capsules. Additionally each of these capsules readily scale to ErtelAlsop's 12" and 16" diameter lenticular depth filter modules.

SINGLE-USE CAPSULES

