ErtelAlsop

THE FIRST NAME IN LIQUID FILTRATION

50P Lab Filter

The Model 50P lab filter is for filterability and scale up studies. Each of these units is constructed of polycarbonate for filtration up to 30 PSIG. ErtelAlsop Cylinder-Type Laboratory Filters are available with capacities for polish and cake filtration. The Model 50P provides 50 cm^2 of filtration area and 270 ml of volume. It is light and perfect for transporting. The cylinder is available in both 25 mm and 50 mm heights to allow for different cake heights. It is ideally suited for use with a peristaltic pump and liquids that require the use of filter aid, such as Celpure® Diatomaceous Earth, to provide the required clarity of the finished product.

Standard Features

- Pressure Gauge
- O-Ring Cylinder/Media Gaskets
- Leurloc Inlet/Outlet Connections
- 50 mm Deep Cylinder
- 3 Stainless Steel Tie Rods
- Stainless Steel Media Support Screen
- 3 Stainless Steel Legs
- Complete Portability

Optional Features

- Available as a complete kit (AOK kit) with durable plastic storage case and 4 select grades of ErtelAlsop filter media (20 pieces per grade).

Applications

- Research & Development
- Quality Assurance
- Laboratory Testing

Product Testing

Product testing is always available either at your facility, through our network of distributors, or at our in-house laboratory.

Pilot Testing - Rentals

For in-plant testing and scale-up procedures, ErtelAlsop offers a variety of lab filters for rent. A portion of rental fees can be applied to the purchase of your full production filter.

ErtelAlsop offers a full line of Cylinder Type Laboratory Filters with capacities up to 8000 ml.

Filter Media

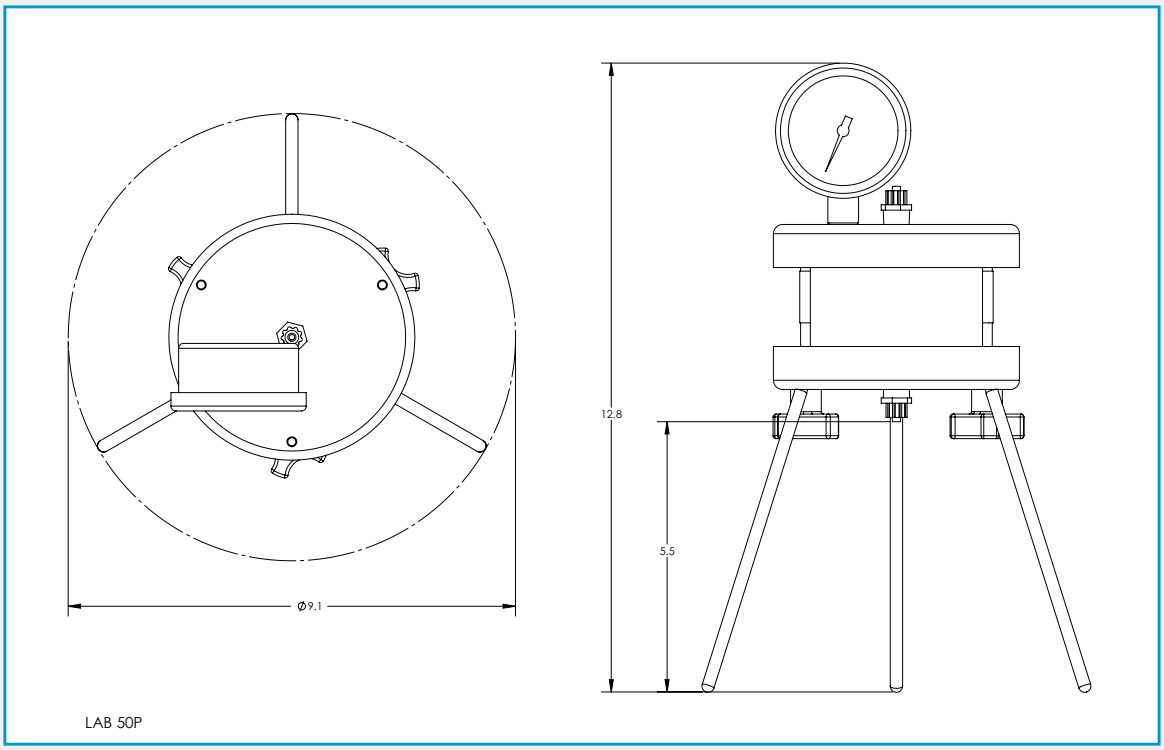
As with all ErtelAlsop plate and frame filter press models, media is available for any application and/or operating condition, and is chosen based on your specific operating conditions, the performance required by the filtering media, and criteria given to us by you and/or by sample processing we do in our lab.

ErtelAlsop offers the widest varieties of filter media including 100% cellulose pads, cellulose and diatomaceous earth pads, cellulose and Celpure® diatomaceous earth pads, cellulose and perlite pads, and cellulose and activated carbon pads.

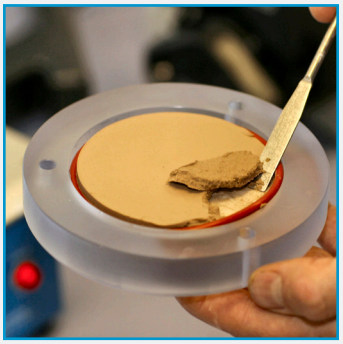
All filter pads are manufactured to very high standards for a wide range of applications in the pharmaceutical, chemical, cosmetic, electric utility and food and beverage markets. ErtelAlsop also offers a Validation Guide to assist in the validation of its filter pads in your process. The Validation Guide contains information regarding raw materials, extractables, and general information about the product. The combination of ErtelAlsop “P” grade filter pads and ErtelAlsop’s BioClean™ plate and frame filter press design, can help to simplify your depth filtration validation now more than ever.

LABORATORY FILTERS

50P Specifications		
Material	Polycarbonate	
Gasket Material	Silicone	
Pressure Limit	30 PSI	
Jacket Pressure	N/A	
Media Type	Any Flat	
Media Diameter	3.46 in	(88 mm)
Filter Area	7.75 in^2	(50 cm^2)
Volume	16 in^3	(270 ml)
Gauge	Standard	



LAB 50P



For additional product information visit **ErtelAlsop.com**

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Join our Newsletter to learn about the latest filter best practices and more!

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