



# Laboratory Batch Vacuum Filter

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## LOCATIONS

### WEST COAST

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Wilmington, CA 90744

### EAST COAST

3740 NW 124th Ave  
Coral Springs, FL 33065

### Description:

Sepor's laboratory bench top batch vacuum filter is ideal for dewatering slurries, allows cake washing, and is easy to use and clean. The filter consists of a rubberized base with an elevated drain channel covered with a 10 mesh stainless steel screen. A 1/4" or 1/2" NPT drain pipe is threaded into the bottom of the filter plate, with two hand lug attachments for holding the 10 inch diameter by 6 inch height steel cylinder body firmly in place. The filter sits on legs that elevate it from the bench. A package of 100 each high wet strength filter papers and one filter cloth with 25 micron pore openings is included with each filter. The filter will hold up to 2 gallons of slurry.



To use the batch vacuum filter, the filter drain is connected to a filtrate receiver, such as the 2,000 cc plastic filtrate receiver, and a vacuum pump. A wetted piece of filter paper is placed on the screened base and the upper cylinder is quickly clamped into place. The vacuum is connected and turned on, and the slurry is poured into the batch vacuum filter. Dewatering is usually rapid, with the filter time depending upon the capacity of the vacuum pump used, and the characteristics of the material being filtered.

**Sepor now offers a multiple vacuum filter version of the batch bench filter** (see photo above). This unit is custom built to the customer's specification, with all filters reporting to a central discharge at the middle of the table. Discharge can be individual or combined into one gang discharge line. A vacuum pump and receiver can be mounted on the bottom shelf of the heavy-duty table upon request. **If interested, please contact [info@sepor.com](mailto:info@sepor.com) and ask for information on the multi vacuum filter table, Sepor #070C-015.**

Catalog Number	Description
<b>070C-001</b>	Batch Vacuum Filter With Rubberized Base, Mild Steel Body, Drain
<b>070C-002</b>	Batch Vacuum Filter With Rubberized Base, Rubberized Body, SS Drain
<b>070C-003</b>	12" diameter filter cloth
<b>070C-004</b>	12" diameter, Extra Package of 100 High Wet Strength Filter Paper
<b>070C-006</b>	2,000 CC Plastic Filtrate Receiver
<b>070C-007</b>	Batch Vacuum Filter With Rubberized Base, Stainless Steel, Drain
<b>030F-023</b>	Rotary Vane Pump capable of 4.5 CFM
<b>030F-305</b>	Rotary Vane Pump capable of 9 CFM

