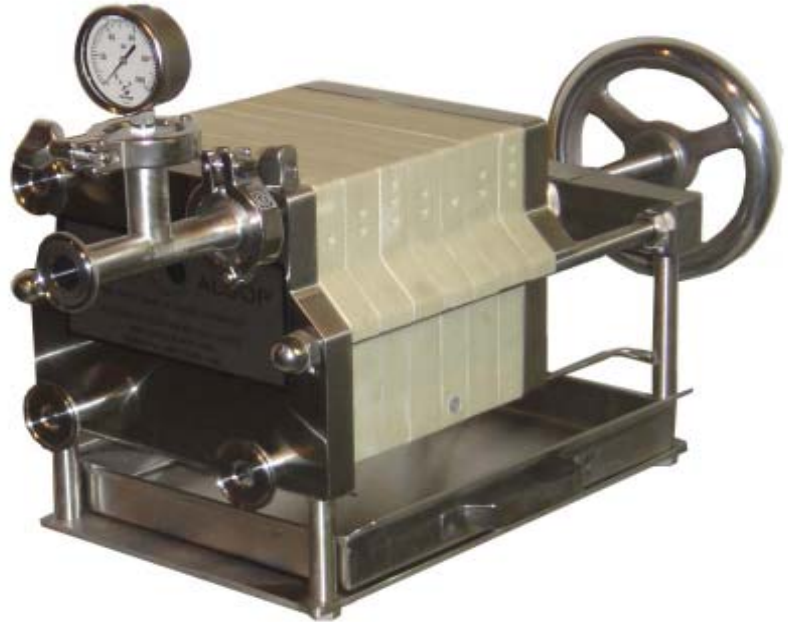


# LABORATORY SIZE PLATE & FRAME FILTER PRESS

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8 inch laboratory plate and frame filter press, providing 0.19 cubic feet of filter cake capacity, 1.7 square feet of filtration area, for a feed rate of 0.8 to 1.7 GPM, Includes (1) lab duty 316 SS square design framework rated at 100 psi, (1) 1B polypropylene flush head frame, (1) 1B polypropylene flush tail frame, 6 chambers, 316 stainless steel head connections with tri-clamp fillings, consisting of top corner feed, bottom filtrate outlet, top and bottom corner wash/air inlet and filtrate outlets, (1) closing system consisting of a hard chrome plate steel screw spindle, a hard chrome plated bronze spindle nut and stainless steel hand wheel.



8 Inch Lab Plate and Frame Filter Press

The 8 Inch Lab Size Plate and Frame Filter Press is a compact, precision built, small filter press with plates and frames 8 inch square. The unit is designed for test filtrations in the lab or on mobile trailer mounted locations. The Lab Press can determine the flow data for constant rate or constant pressure filtrations. Results obtained from using this lab scale filter can be scaled up to size production size filter presses.

The lab plate and frame press may be used for cake recovery, low solids recovery from precipitations (such as Merrill-Crowe Process), or clarification. The plates are designed to accommodate cake washing, if required.