

# FilterPress™ for Extractions & Purifications

*Ahead of the Curve.*

*The positive pressure FilterPress provides a superior solution to vacuum nests and centrifuges for filter-based extractions and purifications.*

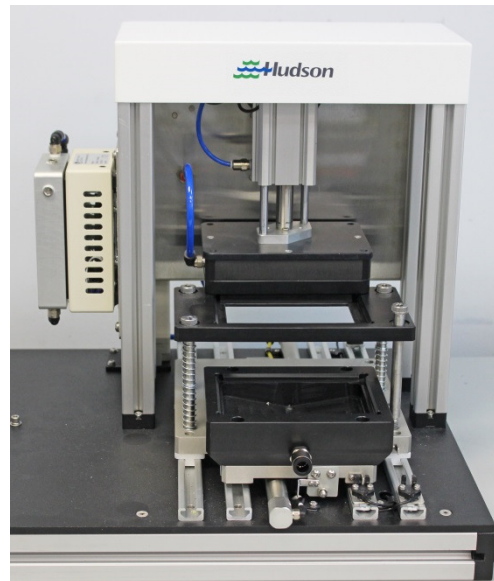
Hudson's FilterPress™ is an affordable, flexible improvement over vacuum nests and centrifugation.

Designed to handle ANSI SLAS-formatted filter plates and columns, the FilterPress can triple the pressure differential available from vacuum nests. It has fully-automated mechanical action, and is ready to be integrated with robotic liquid-handlers, robot arms and reagent dispensers.

The FilterPress can also eliminate the need for centrifugation of filter columns, due to the high pressure and flow it can exert on your filter columns. This lowers the cost and complexity of your process, and makes automated loading far easier.

## FilterPress Pressure Filtration

- Handles ANSI SLAS footprint filter plates or column arrays.
- 96-, 48-, 24-position, or any other format.
- Accommodates filter columns up to 3.5-inches high (taller with custom modifications).
- More than 3 times the pressure differential and flow rate of vacuum nests.
- Optional heated air source (20° – 100 °C).
- Integrates easily with most liquid handlers and robot arms.
- Easily accessible lower collection plate nest.
- Available with attached reagent dispenser.
- Small size fits easily on lab benchtops.
- Manual or robotic loading and operation.



**Hudson's FilterPress**  
(shown with Heater Option)



### Corporate Headquarters:

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## Applications

The FilterPress is the ideal solution filter-based separations :

FilterPress™

- DNA Extraction
- Protein Purification
- DNA Purification
- Plasmid Mini-Prep
- RNA Purification
- Solid Phase Extraction



**FilterPress** as part of Hudson's *Synthetic Biology Workstation*

## Specifications

**Dimensions:** 12" W x 16.5" D x 18.5" H

**Filtration Pressure:** Programmable, from 0 to half the supply air pressure

**Filter Column Dimensions:** ANSI SLAS-standard footprint, 1" to 3.5" height

**Collection Plate Dimensions:** ANSI SLAS-standard footprint, 0.4" to 2" height

**Operating temperature:** Ambient to 100°C (with Heater Option)

**Computer interface:** RS232

**Power input:** 115V / 220V AC, 50/60 Hz

**Supply Air:** 60 to 120psi; 10 SCFM @ 100psi max. flow

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