

BioRinse LAB

“Compact, modular rinsing system to test protocols / treat small lots”

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The BioRinse-LAB can be modular configured, you can combine several washing stations with a centrifuge and multiple dryers and/or make any other possible combination. The controls can be configured from very basic (on-off, timer and temperature control) up to advanced systems with PLC/Protocol and logging options.

The Rinsing station is equipped with a blower for good seed movement (every single seed the same protocol) and by a heating element the temperature will be controlled within $\pm 2^{\circ}\text{C}$ during the process. The Rinsing process can be delivered as a manual version (manual emptying / filling of water) or in a fully automatic version with automatic filling/emptying.

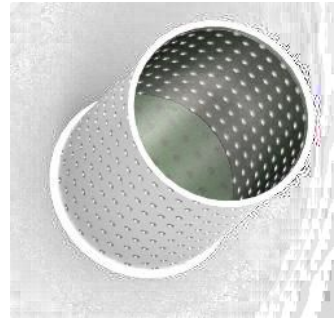
The Centrifuge station can be used to spin off the moisture prior to drying. This way the drying procedure will be easier and the drying times will be shortened.



The Drying station is built to dry back the seeds with a fluid-bed drying procedure. Standard the drying station is equipped with an electrical heating. To speed up the drying process and/or to dry at moist ambient an air conditioner can be placed.

Specifications

- Basic setup is equipped with:
 - o Manual valves on the rinsing station for filling/emptying
 - o Manual on/off speed and timer settings for all functions
 - o Temperature controllers on rinsing and drying station
 - o Security switches to prevent starts when lids are opened
- Advanced setup is equipped with:
 - o Automatic valves for filling / emptying
 - o Automatic protocol rinsing / drying
- Stainless steel construction
- Stainless steel process container (2 pc) with special fluid-bed design



Options

- Advanced PLC controlled system
- Air Conditioning systems
- Extra drying / rinsing stations
- Extra process containers

