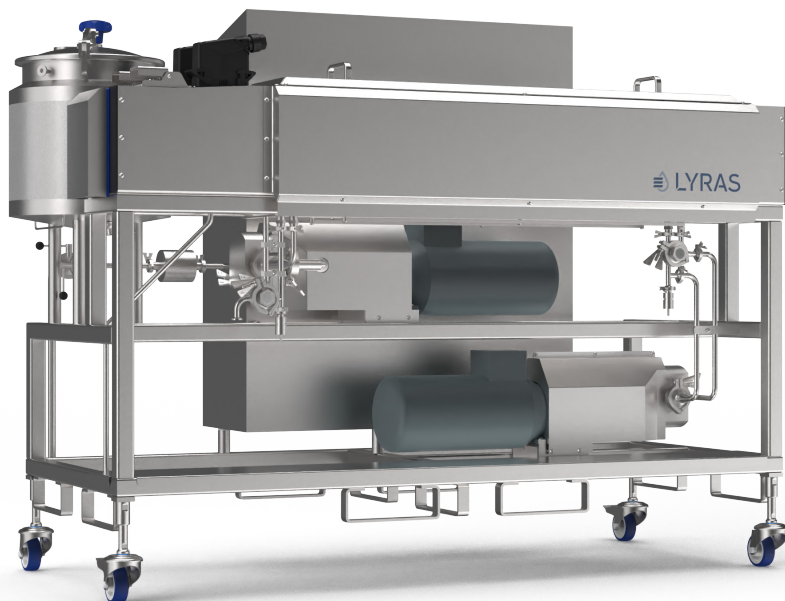


Raslysation™ Polaris 1.0/ Test system



Features of the Raslysation™ Polaris 1.0

The Raslysation™ Polaris 1.0 system is developed for small scale, on-site pilot production of various liquid products. The Raslysation™ Polaris 1.0 system facilitates logging, and you will have full access to your parameter settings.

The Raslysation™ Polaris 1.0 system can be used to run batch productions and continuous flows for a wide range of special use cases to be examined. The processing capacity of the Raslysation™ Polaris 1.0 system is approximately 400 l/h (raw milk), but the capacity varies depending on the specific product type and required treatment.

Easy installation

The Raslysation™ Polaris 1.0 system is designed as a convenient plug n' play solution that connects seamlessly to your existing system. To install the system simply, connect the Ø25,4 mm tri clamp inlet/outlet and the power

cable. The Raslysation™ Polaris 1.0 system will then be ready for operation as a fully automated stand-alone system.

The Raslysation™ Polaris 1.0 system has a compact design making it easy to transport and fit into any production setting. Furthermore, it is mounted on wheels, so it can be easily moved around in your production.

Get started

You can rent our Raslysation™ Polaris 1.0 system for pilot testing at Your facility. This full service rental includes professional assistance at installment and preparation of the system as well as instructions on optimal use. A trained technician will assist You throughout the duration of Your tests to ensure maximum convenience and full optimization of Your time and resources. This allows You to run any variation of tests during the rental period.

We are continuously conducting research and performing our own tests to provide a solid body of evidential and scientific material on various liquids such as raw milk, whey, brine, fruit juice, beer, and many others.

Functionality

- 2 large sampling valves
- 2 aseptic sampling membranes
- 2 sequential processing pumps
- Pressure sensors on both treatment cycles
- Only food grade components
- No glass-food contact surfaces
- Variable UV light intensity
- Variable flow
- CIP compatible
- HMI touch screen control
- Air-cooled
- Compact design

Technical Data

Processing Parameters	
Tank Size, L	20
Viscosity, cPs	≤ 150*
Liquid Temperature	≤ 85
Operating Pressure, bar	≤ 6
Pressure at max. Temperature, bar	≤ 3
Capacity 1-2 Treatments, L/h	≤ 1000*

*Depending on the composition and properties of the liquid.

Connections

Inlet, mm	ø25,4 Tri Clamp
Outlet, mm	ø25,4 Tri Clamp

Consumption Data

Installed Power, kW	<13
Power Supply	3x300-480, 50-60Hz, 16A

Dimensions

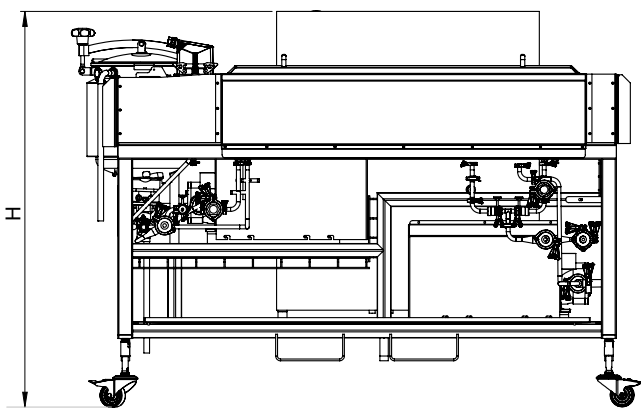
Length, mm	1825
Width, mm	815
Height, mm	1330

Dimensions (transport)

Length, mm	2150
Width, mm	1000
Height, mm	1650
Weight, kg	500

Packaging in wooden box.

Side view



Top view

