



Alpha 3-4 LSCbasic

Base Model

Special system for safe freeze drying of organic samples containing solvents

Meets increased safety requirements for commonly flammable solvents.



Product Specifications

Ice condenser capacity	4 kg
Ice condenser performance	2,5 kg/24 h
Ice condenser temperature	-105 °C
Dimensions of base model (W x H x D)	780 x 415 x 540 mm
Weight	80
Communication port	

This special system for freeze drying is available in two configurations:



Solvent packet flask:

Alpha 3-4 LSCbasic freeze dryer with internal condenser, made entirely of stainless steel (316L)

Condenser capacity: 4 kg

Condenser temperature: -105 °C

Product specifications

Controller

LSCbasic

Method

Double-Chamber

- Solvent-resistant materials
- Vacuum-chemical hybrid pump with filter
- Stainless steel vacuum hose
- Capacitive vacuum measurement probe
- Vacuum controller for reducing drying times by up to 40%
- Connection for inertization (e.g., for nitrogen)
- Drain valve
- Manifold with 12 chemical-resistant valves for flasks



Universal solvent packet – flasks and storage surface:

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Condenser capacity: 4 kg

Condenser temperature: -105 °C

Product specifications

Controller	LSCbasic
Method	Double-Chamber

- Solvent-resistant materials for seals and connectors
- Vacuum-chemical hybrid pump with filter
- Stainless steel vacuum hose
- Capacitive vacuum measurement probe
- Vacuum controller for reducing drying times by up to 40%
- Connection for inertization (e.g., for nitrogen)
- Drain valve
- Base plate for storage surface
- 3 storage spaces, diameter 265 mm, unheated
- Drying chamber made of mineral glass
- 12 chemical-resistant valves for flasks (optional)