

DryCab



Efficient drying
or freeze-drying
(lyophilization) – even
with frequent
product changes

- For liquid products, pieces or powders
- No oxidation and minimal flavour losses
- Gentle drying of products
- Processing by batch, suitable also for small quantities
- Automated operation with process profile (variation of vacuum and heating/cooling temperature)



Design and Functionality

The vacuum cabinet DryCab is designed for the drying and processing of different heat sensitive products in the food and pharmaceutical industry.

Vacuum drying cabinets are worldwide the most used contact dryers working in a batch mode. They are designed to contain several rectangular, horizontal installed heating plates arranged one above the other with a minimum of dead space. By implementing a vacuum system the

drying process can be carried out on low product temperatures maintaining the maximum product quality of the dried products.

Application

- Coffee and tea
- Flavours
- Plant extracts
- Fruit and vegetable concentrates or pieces
- Meat or sea food in pieces
- Pharmaceutical and nutraceutical concentrates
- Probiotics and enzymes
- Infant nutrition

Technical data

Vacuum	0.5 – 100 mbar abs.
Temperature	max. 150 °C
Capacity	1 – 3'000 kg/batch
Heating-cooling plate surface	1 – 88 m ²

Bucher Merk Process GmbH

Lippersmatt 2
DE-79725 Laufenburg
Tel. +49 7763 92720
info@buchermerk.com
buchermerk.com

Helpdesk

Tel. +49 7763 92720
service@buchermerk.com

Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for brewing solutions, for filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

Products

Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, cold block equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

Services

Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService