

INCREASE YOUR LAB EFFICIENCY

CoolSafe
Freeze Dryers
80 litres

Scandinavian by Design



LABOGENE

COOLSAFE SUPERIOR

CoolSafe 95/55-80 Superior is an outstanding and versatile range of advanced floor-standing freeze dryers. They are the product of more than 40 years' experience and expertise, and are the ideal choice for research, process development and small-scale production.

Available in 2 configurations:

- Superior Bulk.
- Superior Vial.

All come with a choice of either -55°C or -95°C condenser temperatures. All models offer both simplicity of operation and the highest performance characteristics to meet the demands of today's research and development laboratories.



Smart
Touchscreen
Controller

Proven track record in:

- Quality Control – typically for:
 - Food materials, bacteria, meat and dairy products.
- Improved Preservation – typically for:
 - Floral materials.
 - Vaccines and Anti-toxin.
 - Tissues and cells.
 - Fish, shellfish, milk and dairy products, vegetables, edible mycelia, soft fruits and berries etc.
- Conservation of archaeological items such as wood, leather, textiles etc.
- Restoration of water damaged books, documents and paper materials.

CoolSafe 95/55-80 is suitable for research, testing and production on a minor scale.

FEATURES OF QUALITY

Technical features:

- Fully automatic control of pre-freeze in 5 steps.
 - and primary and secondary drying in 10 steps.Controlling shelf temperature from -80°C to + 50°C on 95-80 models for correct ice crystal formation and freeze drying.
- Condenser ice capacity of max. 10kg/24 hours.
- For bulk: The chamber can accommodate from 2 to 8 electrically heated shelves with trays, giving a total area ranging from 0.3m² to 1.2m².
- For vials: The chamber can accommodate up to 5 electrically heated shelves with trays, giving a total area up to 0.48m².

Other features:

- Touchscreen controller and display of temperature, pressure and time during operation.
- Large capacity, seamless stainless steel condenser with external cooling coils and electric de-icing as standard.
- Front-loading for ease of access, loading and supervision.
- Easy service and maintenance.
- Customization, such as vials, bulk, top chamber ø500 or manifold – see options at LaboGene.com



down to **-95°C**

40

YEARS OF EXPERIENCE

LaboGene are experts in the fields of Clean Air & Laminar Flow, Centrifugation, Vacuum & Cooling. We provide both standard and perfectly customized solutions. Designing, developing, manufacturing and marketing laboratory and industrial equipment is our speciality.

Leading supplier in:

Microbiological safety cabinets
Freeze dryers
Freezers
Centrifuges

[Learn more at www.labogene.com](http://www.labogene.com)



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