

Auguste Cryogenics is an internationally renowned manufacturer of pressure vessels and containers for cryogenic, liquefied gases. Since 1965 our European operations has designed and hand crafted these products for the global market.

With our manufacturing facility in Košice, Slovakia and distribution center in Husum, Germany, Auguste Cryogenics has continuously shaped the worldwide cryogenics industry and continues the tradition of practices and intellectual property for which the company was built. At the same time, we take pride in investing in our employees and in innovative solutions for tomorrow.

001  Bulk tanks Vertical and horizontal bulk tanks from 2,000 to 250,000 litres capacity for use in industry (LIN, LOX, LAR, LCO₂, LN₂O) and in the energy sector (LNG, LH₂).	002  MicroBulk Stationary and transportable microBulk tanks from 750 to 5,000 litres capacity.
003  Liquid cylinders Liquid cylinders with capacities from 70 to 240 litres for different operating pressures.	004  Cryobiological freezers Stainless steel cryobiological freezers for the safe and economical long-term storage of larger sample quantities.
005  Aluminum Dewars Aluminum Dewars from 2 to 175 litre capacity for storage and safe transport of sample material in liquid nitrogen.	006  Special vessels Specially engineered vessels for a large variety of purposes, designed and built to the needs and demands of our clients.

CONTACTS

We can provide you with a solution for every aspect of your cryogenic liquefied gas storage needs - please do not hesitate to contact the specialists in our sales team.

www.augustecryogenics.com



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ADDRESS

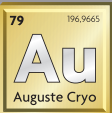
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Auguste Cryogenics

PRODUCT

Medical Freezer

Medical Freezer



More information | www.augustecryogenics.com

AC MEDICAL FREEZER

BY AUGUSTE CRYOGENICS

A Tradition of Excellence in Cryogenic Storage

With expertise in cryogenic engineering and manufacturing, Auguste Cryogenics presents AC Medical Freezer, a standout in cryogenic storage technology.

Designed and built in Europe, our freezers are crafted for maximum efficiency, delivering exceptionally low liquid nitrogen (LN2) consumption and superior stability in temperature control, setting a new standard for biobanking and cold storage solutions.

The AC Medical Freezer offers remarkable flexibility with LN2 storage options that cater to both liquid and vapor phase needs, accommodating diverse sample storage requirements. Constructed from durable stainless steel and high-quality material, it guarantees longevity and reliability, ensuring a secure haven for your precious samples.



Our state-of-the-art technology includes a technically superior controller system that can seamlessly integrate with optional advanced monitoring systems. These systems provide professional services equipped with tools to acquire complex laboratory data, capturing real-time information on processes and critical ambient conditions 24 hours a day.



AC Medical Freezer play a significant role in the sustainable preservation of genetic and genomic samples.

Especially crucial in the field of biobanking, our AC Medical Freezer ensure the integrity and longevity of biological samples, supporting groundbreaking research and medical advancements. Additionally, AC Medical Freezer is indispensable for artificial insemination, preserving the genetic material necessary for breeding programs. By maintaining optimal conditions it helps secure the future of species and bolster genetic diversity

Discover our current range of: the AC BIO, AC SYS, AC IVF.

Each variant is designed to meet specific storage needs, with the AC IVF 430 offering specialized features for in vitro fertilization (IVF) and related applications, enhancing your research and clinical capabilities. These variant exemplify our commitment to innovation and reliability, with more models to be introduced, further expanding your options for cutting edge storage solutions.

Choose AC Medical Freezer for the perfect blend of innovation, reliability, and dedication to safeguarding the future of scientific discovery, reproductive health, cancer treatment, and vaccine preservation. Partner with us to protect the invaluable resources essential for pioneering research and conservation efforts across the globe, ensuring the advancement of genetics, genomics, and reproductive technologies.

TECHNICAL DATA OF AC MEDICAL FREEZER

MODEL	AC BIO	AC IVF	AC BIO	AC SYS
VARIANT	AC BIO 430 AC BIO 430x	AC IVF 430	AC BIO 860	AC SYS 480
Storage Capacity (vials)	16900	4200	37700	22 000
- Qty of Large Racks 100 Cell Boxes	12	21	30	15
- Qty of Mini Racks for 25 Cell Boxes	4	*	8	8
- No of Trays	1	2	1	1
- No of Levels per Rack - Top Tray	13	6	13	n.a.
- No of Levels per Rack - Bottom Tray	n.a.	6	n.a.	n.a.
LIN Capacity W/o inventory Sys.				
- LIN cap. for Gas Storage	40	40	102	24 / 90**
- LIN cap. for Liquid Storage	430	430	860	480
Performance				
- Top Temp. Gas Storage w/o Inventory System [°C]	-180	-180	-180	-150
Dimensions [mm]				
- Neck Opening	317	317	446	800
- Outer Diameter	800	800	1150	900
- Usable Inner Diameter Top Tray	714	724	1030	800
- Usable Inner Diameter Bottom Tray	714	709	1030	800
- Usable Inner Height	710	370/330	715	730
- Overall Height w/o Controller	1419	1419	1544	1205
- Overall Height w/ CryoFill 2.0	1546	1546	1641	1387
- Ground Clearance	25	25	34	87
Weights w/o Storage System [kg]				
- Weight Empty	227	229	420	320

*Based on the storage system

**With dryframe