



LABORATORY SECTOR

NITROGEN TANKS



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A different accompaniment, at your service





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OUR SERVICES

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In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



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Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



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Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.



KALSTEIN® Nitrogen Tanks

Nitrogen Tanks

Model YR05371



Product Description:

Widely used within many laboratories, this small-sized storage series features low LN₂ consumption and dual handle design. Stores between 600 and 1100 vials in square racks and cryo boxes.

Product Features:

- ✓ 5 Year Vacuum Warranty
- ✓ High Thermal Efficiency
- ✓ Lightweight
- ✓ 30 Litre to 50 Litre Capacity
- ✓ Durable
- ✓ Secure
- ✓ Super-Insulation
- ✓ Ideal for Lab Applications

Key Features:

- ✓ Heavy duty lockable enclosure offers excellent security
- ✓ Strong, lightweight aluminium construction
- ✓ Dual handles
- ✓ Temperature monitoring available
- ✓ Roller bases available
- ✓ High thermal efficiency
- ✓ 5 year vacuum warranty
- ✓ Ultra-low LN₂ evaporation loss

Accessories:

- ✓ Roller Base
- ✓ Rack
- ✓ Liquid Nitrogen Temperature Detector
- ✓ Lockable Cap
- ✓ Smart Cap
- ✓ Smart Box

Product Advantages:

- ✓ Low LN₂ Consumption and Maximum Storage Efficiency: Haier Biomedical's Small Sized Storage Series (Square Racks) Liquid Nitrogen Storage System features low LN₂ consumption and small storage capacity for laboratory applications. The lightweight containers have a smaller footprint whilst providing maximum efficiency of cryogenic storage capacity.
- ✓ Advanced Vacuum Technology and Super-insulation Technology: Advanced vacuum and insulation technologies provide ultra-low liquid nitrogen evaporation loss and ensure up to three months cryogenic storage.



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KALSTEIN® Nitrogen Tanks

Nitrogen Tanks

Model YR05371

Technical Description:



Model	YR05371	YR05372	YR05373	YR05374
Maximum Storage Capacity				
No. of Rack	1		6	
1.2&2 ml Cryovials (25 per box)	100		600	
No. of Boxes in (Rack)	4		4	
Performance				
Volume of LN₂ (L)	10		31.5	
Static Evaporation* (L/Day)	0.42		0.35	
Static Holding Time** (Day)	24		90	
Dimensions				
Opening Diameter (mm)	125		125	
Height (mm)	625		704	
Outside Diameter (mm)	300		462	
Empty Weight (kg)	6.3		13	
Full Weight (kg)	15.1		38.9	
Shipping Weight (kg)	9.6		19.3	
Additional Features	No canister; no protective jacket;	Include 1 square rack with 4 layers and 5*5 cryobox;	Includes 6 racks with 4 layers, 5*5 cryoboxes, lockable cap and protective jacket,	Includes protective jacket only,
	with braces for carrying	lockable cap; no protective jacket	protective jacket, roller base is optional.	roller base is optional



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KALSTEIN® Nitrogen Tanks

Nitrogen Tanks

Model YR05371



Technical Description:

Model	YR05375	YR05376	YR05377	YR05378	YR05379	YR05380	YR05381	YR05382
Maximum Storage Capacity								
No. of Rack	6			6		6		
1.2&2 ml Cryovials (25 per box)	750			1110		900		
No. of Boxes in (Rack)	5			5		6		
Performance								
Volume of LN₂ (L)	35.5			47		50		
Static Evaporation* (L/Day)	0.36			0.36		0.45		
Static Holding Time** (Day)	97			130		110		
Dimensions								
Opening Diameter (mm)	125			127		125		
Height (mm)	748			718		818		
Outside Diameter (mm)	462			508		462		
Empty Weight (kg)	14.5			18.2		17.3		
Full Weight (kg)	43.2			60.9		62.4		
Shipping Weight (kg)	21.9			30.7		30.3		
Additional Features	Includes 6 canisters (height 276mm), lockable cap and protective jacket, roller base is optional	Includes 6 racks with 5 layers, 5*5 cryoboxes, lockable cap and protective jacket, roller base is optional.	Includes protective jacket only, roller base is optional	Includes 6 round rack with 5 layers (37 holes) and lockable cap, no protective jacket, roller base is optional	Includes 10 canisters (Ø72 / 276mm) and lockable cap, no protective jacket, roller base is optional	Includes 6 racks with 6 layers, 5*5 cryoboxes, lockable cap and protective jacket, roller base is optional.	Includes 6 canisters (Ø97 / 276mm), lockable cap and protective jacket. roller base is optional	Includes protective jacket only, roller base is optional



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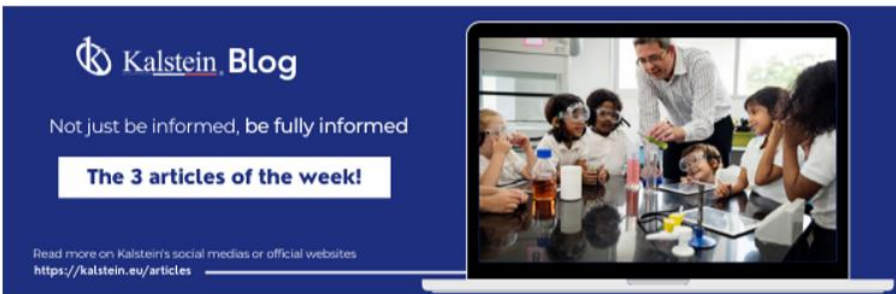
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Kalstein Blog
Not just be informed, be fully informed

The 3 articles of the week!

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1
Read this ARTICLE NOW

How does the climate affect your microscope?

microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through the use of lenses or a system of mirrors that collect and focus light from the object being observed.

Kalstein Blog

Article of the week:
How does the climate affect your microscope?

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2
Read this ARTICLE NOW

What is the importance of the laboratory refrigerator?

Refrigerator is a device that is one of the most common pieces of equipment that is used in laboratories. It is a controlled environment (refrigerated space), which allows you to store and maintain samples at low temperatures.

Kalstein Blog

Article of the week:
What is the importance of the laboratory refrigerator?

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