

## **CHART VARIO VARIABLE RATE FREEZER WINS ISBER OUTSTANDING NEW PRODUCT AWARD**

The new ground breaking Chart Vario variable rate freezer has been awarded the 'Outstanding New Product Award' from the International Society for Biological and Environmental Repositories (ISBER).

The award recognises the significant leap forward that Chart has taken in providing a low energy, high efficiency, high security alternative to -80°C mechanical freezers.

The Vario freezer uses the class-leading technology found in the Chart MVE HE range of liquid nitrogen vapour freezers to provide an innovative and energy efficient alternative for ultra low-temperature to cryogenic storage.

The Vario utilises the vaporisation energy of LN2 to allow precise and stable temperature control of your sample storage area.

This technology allows:

- User defined temperature anywhere between -50°C and -150°C
- Dry sample space significantly reducing the risk of sample contamination with LN2
- A consistent temperature profile, even with the lid open
- Extended hold time safety margin (additional security for samples)
- Less than 1% of the power consumption compared to leading mechanical upright freezers
- No requirement for costly HVAC (Heating, Ventilation and Air Conditioning) systems in your cryoroom.
- Capacity range of 36,000 to 81,000 vials allows largest quantity of vials stored per square metre of floor space

For more information on the Chart Vario freezers please contact Air Products.

Air Products PLC  
2 Millennium Gate  
Westmere Drive  
Crewe  
Cheshire

CW1 6AP

Email: [apukinfo@airproducts.com](mailto:apukinfo@airproducts.com)  
Tel: 0800 389 0202 / 03457 020202  
Website: [www.airproducts.co.uk/biomedical](http://www.airproducts.co.uk/biomedical)





# ISBER 2011 Outstanding New Product Award

Presented by the International Society for Biological and Environmental Repositories

## MVE Chart MVE Variō™ Series

*Scott D. Jewell*

Scott D. Jewell, PhD  
President

*Mark E. Sobel*

Mark E. Sobel, MD, PhD  
Executive Officer