

# Xiros Mikro

## Freeze Dryer



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## Features & Benefits:

- CE certified
- Market leading ice holding capacity for larger batches or longer defrost intervals
- Easy load due to low profile machine design
- High quality and performance components from leading suppliers
- Designed to run 24/7
- High performance vacuum technology fittings and connectors used (instead of refrigeration technology components)
- Commercial Grade 2 Year Warranty
- Defrost Function by shelf heating

## Controller:

- Interfaces USB, RS232C
- 5" colour touchscreen
- Programmable to suit specific applications e.g. to reduce the loss of terpenes
- Manual Operation options
- Automatic drying cycle
- USB connectivity for software upgrades and data logging

This small freeze dryer has a large capacity for product, allowing you to speed up your processing times without taking up too much space in the lab. It has up to 9 shelves, an 8 kg capacity for ice and 4 kg sublimation in 24 hours.

## Specifications:

- 5, 7 up to to 9 shelves (to your preference)
- Ice Condenser Volume = 11 Liter
- Ice Condenser Capacity = 8kg
- Ice Condenser Performance = 4kg in 24h
- Ice condenser Temperature -40 °C
- Minimum Shelf Temperature for Freezing -35 °C
- Maximum Shelf Temperature for Drying +60 °C
- Shelf Temperature Accuracy +/- 3 °C
- Typical Product Capacity = 9.6 kg at 80% moisture content
- Ultimate Vacuum 2.5 x 10<sup>-2</sup> mbar
- Maximum Vacuum Pump Current: 3A
- Refrigerant R290
- Noise Level (without vacuum pump): 54 dB(A)

## Technical details:

- SKU Number 20107002
- Tray size 5 Shelf 200 x 450 x 15 mm
- Shelf Distance 5 shelves 40 mm
- Tray Size 9 Shelf 200 x 450 x 15 mm
- Shelf Distance 9 shelves 19 mm
- External Dimensions 770 (d) x 748 (w) x 507 (h) mm
- Weight 87 kg
- Electrical 220V +/-15% 50Hz  
8.5A without pump, 11.5A with pump (model dependent)



For more information about our products please contact us: [saleseurope@hollandgreenscience.com](mailto:saleseurope@hollandgreenscience.com)

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