

MULTI-SHELF PILOT LYOPHILIZER (FREEZE DRYER)

FABRICANT : Virtis SP Scientific

MODÈLE : VirTual 50 L

Characteristics

- Freeze drying liquids to obtain a solid powder
- Condenses up to 20 L of ice for 24 hrs.
- Temperature of -55 to 65°C
- 50 L internal coil condenser
- Capacity: eight 4-L shelves
- Freezing time: 20 to 40°C < at 50 minutes.

Samples

- Liquids (capable of being frozen)
- Dehydrated food, milk, probiotics
- Bacteria, yeast, moulds
- Enzyme extracts
- Polymers

Examples of applications

- Lyophilisation of silica nanoparticles
- Lyophilisation of nanomaterials and biopolymers
- Lyophilisation of formulas resulting from fermentation processes