



## CHRIST EPSILON 2-6D - FREEZE-DRYER



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**SKU:** 12193 | **Categories:** [Dryer](#), [Freeze dryer / Lyophiliser](#)

### PRODUCT DESCRIPTION

Manufacturer : Martin Christ Gefriertrocknungsanlagen GmbH

Model: EPSILON 2-6D

Year: 2003

Type : Laboratory and pilot freeze-dryer

Applications: Dry or liquid drying in vials, bottles, ampoules, flanges, trays, etc.

Examples of products: Biological products: bacteria, viruses, tissues, plant extracts /  
Pharmaceutical products: plasma, serum, antibodies, vaccines / Biochemical tests / Food



products: ferments, vitamins

**General data :**

Pre-freezing, freeze-drying (sublimation) and final drying

Vacuum application, < -10°C

3 + 1 shelves

Shelf surface area: 0.3 m<sup>2</sup>.

Distance between shelves: 68 mm

Software: SCADA Software

Cleaning flange

Sample extraction system

Manual stopper for vials

**Ice condenser :**

Capacity: 8.0 kg

Performance: 6.0 kg / 24 h

Temperature: -75°C

**Dimensions :**

Width: 800 mm

Depth: 840 mm

Height: 1640 mm

Weight: ~650 kg

**Energy data :**

Power supply: 3-phase, 400 V / 50 Hz

Power consumption: max. 5.0 kVA

Max. ambient temperature: +25°C

**Refrigerant :**



Types : R404A, R508, Isceon 89

Heat transfer fluid: Syltherm XLT

### **Technical connections**

Warm water inlet: ½" hose connection

Defrost water drain: ½" hose connection

Vacuum exhaust: DN 25 stainless steel pipe

Ventilation: DN 6 connection

### **Others :**

Documentation and qualifications available

Sold with LPC plus computer for data analysis.

Spare parts





